## MATERIAL SAFETY DATA SHEET (SILICON GUN)



## **PRODUCT DESCRIPTION**

SILICON GUN

MATERIAL USED SPRING STEEL C-62

MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

Chemical Composition	CAS No.	% Weight
Carbon	7440-44-0	0.638
Chromium	7440-47-3	0.016
Iron	7439-89-6	98.35
Manganese	7439-96-5	0.681
Phosphorus	7723-14-0	0.0083
Silicon	7440-21-3	0.170
Sulphur	7704-34-9	0.0014
Nickel	7440-02-0	0.018
Molybdenum	7439-98-7	0.014
Aluminium	7429-90-5	0.038
Cobalt	7440-48-4	0.0029
Copper	7440-50-8	0.017
Niobium	7440-03-1	0.0008
Titanium	7440-32-6	0.0040
Vanadium	7440-62-2	0.0012
Tin	7440-31-5	0.0026
Arsenic	7440-38-2	0.0025
Nitrogen	7727-37-9	0.0105
Boron	7440-42-8	0.0005
Lead	7439-92-1	0.0037
Tungsten	7440-33-7	0.0016
Magnisium	7439-95-4	0.0003
Calcium	7440-70-2	0.0002
Cerium	7440-45-1	0.017
Zinc	7440-66-6	0.0005

#### PHYSICAL HAZARDS NOT CLASSIFIED FLAMMABILITY

HEALTH HAZARDS

SENSITIZATION SKIN

CARCINOGENICITY

ROUTE OF EXPOSURE

SENSITIZATION RESPIRATORY

#### : Not Applicable

- Category 1 :
  - Category 1

:

:

- Category 1

# EYE, SKIN CONTACT OR INHALATION

Steel production sheet, coil do not pose a significant health hazardous. : However when subjected to Welding, Burning, Sawing, Brazing & Grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation & appropriate protective equipment for workers.

#### EFFECT OF SHORT TERM (ACUTE) EXPOSURF

EXPOSURE		
INHALATION	:	Fumes & dust may be irritating to respiratory system.
EYE CONTACT	:	Dust or particles may cause mechanical irritation
SKIN CONTACT	:	Dust or particles may cause irritation due to abrasion
INGESTION	:	Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion.
EFFECT OF LONG-TERM (CHRONIC) EXPOSURE	:	Chronic inhalation of high concentrations of metallic fumes and dusts are associated with the following conditions
IRON OXIDE	:	Chronic inhalation of excessive concentrations of iron oxide fumes or dust may

observable as an x-ray change.

### MANGANESE

SILICON

: Chronic exposure to high concentrations of manganese fumes and dusts may increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling Parkinson's disease.

results in development of a benign pneumoconiosis, called siderosis, which is

: Elementary silicon is an inert material which appears to lack the property of causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust. Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory effects.

EYES	:	If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.
SKIN	:	If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention
INHALATION	:	If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.
INGESTION	:	If significant amounts of metal are ingested, seek medical attention.
EXTINGUISHER MEDIA SUITABLE	:	In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co².
SPECIAL EXPOSURE HAZARDS	:	No special fire or explosion hazard. Promptly isolate the scene by removing all persons. Vicinity of the incident if there is a fire.
HAZARDOUS COMBUSTION	:	Not applicable for solid form alloy. Toxic metal and metallic Oxide.
PRODUCTS	:	Fumes may be evolved from fires involving finely divided alloy
SPECIAL PROTECTIVE	:	Fire Fighters should wear appropriate protective equipment and Equipment of Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

operated in positive pressure mode.

		Minimal problems with spills of this product would be expected to occur because of its solid form.
HANDLING PRECAUTIONS	:	Providing good ventilation and/or local exhaust systems are used. Avoid contact with eye, skin & clothing. Wear appropriate personnel protective equipments.
STORAGE REQUIREMENTS	:	Store in a dry place
PACKAGING MATERIAL RECOMMENDED	:	Use original container.
RESPIRATORY PROTECTION	:	NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.
EYE PROTECTION	:	Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.
SKIN PROTECTION	:	Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.
HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS	:	Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.
TECHNICAL MEASURES	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
PHYSICAL STATE AND APPEARANCE	:	Solid

FINISH			:	No 4
SPECIFIC	GRAVITY	Y	:	7.74

HARDNESS (HV1)	:	510.0
STABILITY	:	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS	:	Under normal conditions of storage and use, hazardous reactions will Not Occur
		According to our experience and information the product has no harmful effects on health if properly handled.
		The product is practically insoluble in water. In views of its consistency and insolubility in water, no ecological Problems are to be expected if the product is properly handled.
METHODS OF DISPOSAL	:	Steel scrap should be recycled wherever possible
GENERAL INFORMATION	:	Dispose of in accordance with federal, provincial, state Or local regulations.
		Material not regulated for shipping or transportation
SARA TITLE III HAZARD CATEGORIZATION	:	Product (Dust and Fume) is categorized as an immediate (acute) health hazard and a delayed (chronic) Health hazard is defined by 40 CFR 370.
SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHSS):	:	No components are listed as extremely hazardous substances

The information provided herein was Compiled by sakshi to be accurate from sources believed to be reliable, but it is the responsibility of the user investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use. Sakshi makes no warranty, express or implied, concerning the product or the merchantability or Fltness thereof for any purpose or concerning the accuracy of any information provided.

# MATERIAL SAFETY DATA SHEET (MILD STEEL)

MATERIAL USED

MS (MILD STEEL)

**PRODUCT DESCRIPTION** 

Chipboard screw and washer are self-tapping screws with a small screw diameter. It can be used for precision applications

like the fastening of chipboards of varying densities. They have coarse threads to ensure the perfect sitting of the screw on the chipboard surface. The main role of washer with screw is to increase the size of a screw's bearing surface area, and reduce the surface pressure applied on the fastened object

Chemical Col Carbo Chromi I Chromi I Iron	nposition CAS No. n 7440-44-0 im 7440-47-3 7439-89-6	% Weight 0.20 0.020 Balance 0.78
<ul> <li>Mangar</li> <li>Phosphe</li> <li>Silico</li> <li>Sulph</li> <li>Nicke</li> </ul>	rus 7723-14-0 7440-21-3 r 7704-34-9 7440-02-0	0.78 0.013 0.070 0.005 0.001
<ul> <li>Alumini</li> <li>Copp</li> <li>Tin</li> <li>Nitrog</li> </ul>	Im     7429-90-5       r     7440-50-8       7440-31-5       rn     7727-37-9       7440-38-2	0.030 0.000 - -
Coating thick	c 7440-38-2 ness of screw (mm) – Zinc Coating – (	- 0.005 – 0.008
EMERGENCY OVERVIEW :	This formed solid metal product pos When product is subjected to weldi or other similar processes, potentia may be generated. Avoid inhalation the potential to generate airborne p	ses little or no immediate health or fire hazard. ing, burning, melting, sawing, brazing, grinding, Ily hazardous airborne particulate and fumes n of metal dusts and fumes. Operations having particulates should be performed in well
POTENTIAL HEALTH EFFECTS :	ventilated areas and, if appropriate protective equipment should be use Primary Entry Routes: Inhalation and state do not present an inhalation, d	e, respiratory protection and other personal ed. d skin, if coated. Steel products in the natural ingestion or contact hazard. However,
TARGET ORGANS :	operations such as burning, welding may result in the following effects if Respiratory system	g, sawing, brazing, machining and grinding exposures exceed recommended limits
ACUTE EFFECTS INHALATION :	Excessive exposure to high concent skin and mucous membranes of the	rations of dust may cause irritation to the eyes, upper respiratory tract.
EYE : SKIN :	Excessive exposure to high concent Skin contact with dusts may cause dermatitis	rations of dust may cause irritation to the eyes irritation or sensitization, possibly leading to
INGESTION : CHRONIC EFFECTS :	Ingestion of harmful amounts of this solid insoluble form. Ingestion of du Chronic inhalation of metallic fumes following conditions:	s product as distributed is unlikely due to its st may cause nausea and/or vomiting s and dusts are associated with the
IRON OXIDE :	Chronic inhalation of excessive con result in the development of a benig observable as an X-ray change. No associated with siderosis	centrations of iron oxide fumes or dusts may gn pneumoconiosis, called siderosis, which is physical impairment of lung function has been
CALCIUM :	Depending on the concentration an inhalation may cause inflammation mucous membranes, and possible p prolonged skin contact may cause o	d duration of exposure, repeated or prolonged of the respiratory passages, ulcers of the perforation of the nasal septum. Repeated or dermatitis.
CARBON : COPPER :	Chronic inhalation of high concentre Skin contact with dusts may cause dermatitis. Repeated or prolonged	ations to carbon may cause pulmonary disorder irritation or sensitization, possibly leading to contact with surface treatments or oil residue
MANGANESE :	Chronic exposure to high concentra adversely affect the central nervous	itions of manganese fumes and dusts may s system with symptoms including languor,
PHOSPHORUS :	sieepiness, weakness, emotional als expression and paralysis. Animal stu increase susceptibility to bacterial of Inhalation of dusts and fumes of ferr	rophosphorus and phosphorus oxides may
SILICON :	Silicon dusts are a low health risk by nuisance dust	y inhalation and should be treated as a
SULPHER :	Supper compounds present in the figure gastrointestinal tract. Aluminium dusts/fines are a low here as a nuisance dust	umes, may irritate the skin, eyes, lungs and alth risk by inhalation and should be treated
LEAD :	Lead is classified among the highly (accumulates in the bone and body affect a variety of organ systems, ir reproductive system, blood formatio	toxic heavy metals. It is a cumulative hazard tissue) and is a systemic poison that may ncluding the central nervous system, kidneys, on, and gastrointestinal tract
ZINC :	Latent liver dysfunction and gastroi stomach region, nausea, and weak inhalation of zinc oxide The possible presence of characteristic	intestinal disturbances with pressure in the ness have been reported from repeated surface treatments and oil coatings the built
TREATMENTS/COATINGS	considered when evaluating potent during handling and welding or oth should be considered prior to such a	disorders (i.e., asthma, chronic har hit
BY LONG-TERM EXPOSURE	emphysema, etc.) may be adversely matter exposure. SARA Potential Ho Hazard; Delayed Chronic Health Ha	y affected by any fume or airborne particulate azard Categories: Immediate Acute Health azard.
INHALATION :	For over-exposure to airborne fumes fresh air. If breathing is difficult or ho oxygen as indicated. Seek medical o treated by bed rest, and administer	s and particulate, remove exposed person to as stopped, administer artificial respiration or attention promptly. Metal fume fever may be ing a pain and fever reducing medication
EYE CONTACT :	Flush with large amounts of clean w attention if irritation persists Remove contaminated clothing. Wo	rater to remove particles. Seek medical
INGESTION :	and water. If thermal burn has occu medical attention. If a persistent ras Not a probable route of industrial ex attention immediately	rred, flush area with cold water and seek sh or irritation occurs, seek medical attention. xposure. However, if ingested, seek medical
FLAMMABILITY CLASSIFICATION :	Non-flammable, non-combustible	
EXTINGUISHING MEDIA : UNUSUAL FIRE OR EXPLOSION HAZARDS :	Not applicable for solid product. Use materials. Not applicable for solid product. Do	e extinguishers appropriate for surrounding not use water on molten metal.
HAZARDOUS COMBUSTION PRODUCTS : FIRE-FIGHTING INSTRUCTIONS	At temperatures above the melting p other alloying elements may be liber Do not release runoff from fire contro Fire-Fighting Equipment: Wear a selj	point, fumes containing metal oxides and rated ol methods to sewers or waterways. f-contained breathing apparatus (SCBA) with
SPILL/LEAK PROCEDURES :	protective clothing. Not applicable to steel in solid stat	e. For spills involving finely divided particles,
	clean-up personnel should be prote If material is in a dry state, avoid ir removed by vacuuming or wet swe Avoid using compressed air. Do not material in appropriate, labelled co	ected against contact with eyes and skin. halation of dust. Fine, dry material should be eeping methods to prevent spreading of dust. t release into sewers or waterways. Collect ontainers for recovery or disposal in
REGULATORY REQUIREMENTS : DISPOSAL :	Follow applicable OSHA regulation state and federal requirements Contact your supplier or a licensed	s (29 CFR 1910.120) and all other pertinent
HANDLING PRECAUTIONS :	Follow applicable federal, state, an Operations with the potential for ge	nd local regulations enerating high concentrations of airborne
STORAGE REQUIREMENTS :	particulates should be evaluated ar housekeeping. Avoid breathing met Store away from acids and incompo	nd controlled as necessary. Practice good al fume and/or dust atible materials
ENGINEERING CONTROLS :	Use controls as appropriate to min during handling operations	nimize exposure to metal fumes and dusts
ADMINISTRATIVE CONTROLS :	Provide general or local exhaust ver concentrations. Local exhaust ver contamination dispersion into the Do not use compressed air to clear	entilation systems to minimize airborne tilation is preferred because it prevents work area by controlling it at its source. n-up spills
RESPIRATORY PROTECTION :	Seek professional advice prior to re respirator regulations (29 CFR 1910 NIOSH-approved respirator. Select provide adequate worker protectio	espirator selection and use. Follow OSHA 0.134) and, if necessary, wear a t respirator based on its suitability to on for given working conditions, level of
PROTECTIVE CLOTHING/EQUIPMENT :	airborne contamination, and prese Use protective clothing, gloves and welding, burning, sawing, brazing, continue to use gloves or work clo	ence of sufficient oxygen d safety glasses or goggles as required for grinding or machining operations. Do not thing that has become saturated or soaked
DENSITYG/CM3	through with oil coating. Wash ski and water or waterless hand clear	n that has been exposed to oil with soap ner
YIELD STRENGTH (MPA) : TENSILE STRENGTH (MPA) :	330 515	
% ELONGATION : HARDNESS(HV1) :	26.5 348	
STABILITY : POLYMERIZATION :	Steel products are stable under no Hazardous polymerization cannot	rmal storage and handling conditions occur
CHEMICAL INCOMPATIBILITIES : CONDITIONS TO AVOID :	Will react with strong acids to form calcium hypochlorite evolve oxyge Storage with strong acids or calciu	n hydrogen. Iron oxide dusts in contact with en and may cause an explosion um hypochlorite
HAZARDOUS DECOMPOSITION : PRODUCTS	Thermal oxidative decomposition of fumes containing oxides of zinc, iro	of galvanized steel products can produce on and manganese as well as other elements
EYE EFFECTS :	Eye contact with the individual con	mponents may cause particulate irritation.
SKIN EFFECTS :	Skin contact with the individual du abrasion, irritation and dermatitis	ust components may cause physical
ACUTE INHALATION EFFECTS : ACUTE ORAL EFFECTS :	Inhalation of the individual alloy co various respiratory effects. No data available.	omponents has been shown to cause
CARCINOGENICITY : MUTAGENICITY : TERATOGENICITY	Lead; Chromium (in surface passiv No data available No data available	ation treatment, if specified).
ECO TOXICITY :	No data available for galvanized s elements have been found to be to	teel as a whole. However, individual oxic to the environment. Metal dusts may
ENVIRONMENTAL FATE :	migrate into soil and groundwater bio accumulated in plants and wa No data available	and be ingested by wildlife. Lead can be ter organisms, especially shell fish.
ENVIRONMENTAL DEGRADATION : SOIL ABSORPTION/MOBILITY :	No data available No data available for galvanized s elements have been found to be al	teel as a whole. However, individual bsorbed by plants from soil.
DISPOSAL :	Steel scrap should be recycled wh from processing operations should competent environmental profession	enever possible. Product dusts and fumes l also be recycled, or classified by a onal and disposed of in accordance with
CONTAINER CLEANING AND DISPOSAL	applicable Federal, state or local r Follow applicable Federal, state of precautions.	egulations r local regulations. Observe safe handling
	Galvanized steel is not listed as a l transportation.	hazardous substance for any mode of
OSHA REGULATIONS : REMARKS .	The product as a whole is not liste product are listed. Screw and washer are in complian	d. However, individual components of the ace with 211 Substance of Veru High
	Concern(SVHC) as per candidate l Agency(ECHA) which are defined i (EC1907/2006) checked by Tuv Inc	ist promulgated by European Chemicals n Article 57 of REACH Regulation dia ( Tuv-Nord Group)

for a given situation

MATERIAL SAFETY DATA SHEET STAINLESS STEEL 430

MATERIAL IDENTIFICATION SECTION 1.

MATERIAL USED Stainless Steel - Grade 430

SECTION 2.	COMPOSITION / INFORMATION ON INGREDIENTS						
	Chemical Composition	CAS No.	% Weight				
	Carbon	7440-44-0	0.072				
	Chromium	7440-47-3	16.33				
	Iron	7439-89-6	82.21				

Manganese

Phosphorus

Silicon

,	Sulphur	7704-34-9	0.0066
1	Nickel	7440-02-0	0.171
1	Molybdenum	7439-98-7	0.020
1	Aluminium	7429-90-5	0.036
1	Cobalt	7440-48-4	0.031
1	Copper	7440-50-8	0.082
1	Niobium	7440-03-1	0.0069
1	Titanium	7440-32-6	0.0039
1	Vanadium	7440-62-2	0.031
1	Tin	7440-31-5	0.0055
1	Arsenic	7440-38-2	0.0021
,	Nitrogen	7727-37-9	0.028

7439-96-5

7723-14-0

7440-21-3

0.616

0.033

0.315

EMERGENCY OVERVIEW	:	Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled. Molten material may cause thermal burns.
FLAMMABILITY PRIMARY ROUTE OF EXPOSURE	: :	Not Applicable Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting.
ROUTE OF EXPOSURE	:	Eye, Skin contact or innalation Steel production sheet, coil do not pose a significant health hazardous. However when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially
FEFECT OF SHORT TERM (ACLITE) EXPOS	SURF	hazardous fumes or dust may be generated. Needs adequate exhaust ventilation & appropriate protective equipment for workers.
INHALATION EYE CONTACT	:	Fumes & dust may be irritating to respiratory system. Dust or particles may cause mechanical irritation.
SKIN CONTACT INGESTION	: :	Dust or particles may cause irritation due to abrasion. Not anticipated under normal circumstances. As such this material is not expected to be acutelu toxic via inaestion.
EFFECT OF LONG-TERM (CHRONIC) EXPO	OSUF :	RE Chronic inhalation of high concentrations of metallic fumes and dusts are
IRON OXIDE	:	associated with the following conditions. Chronic inhalation of excessive concentrations of iron oxide fumes or dust may results in development of a benian pneumoconiosis, called siderosis, which is
MANGANESE	:	observable as an x-ray change. Chronic exposure to high concentrations of manganese fumes and dusts may
		increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling Parkinson's disease.
CHROMIUM	:	The alleged health hazards associated with exposure to chromium are dependent on its oxidation state. The metal form (chromium as it exists in this product) is of
NICKEL	:	very low toxicity. The hexavalent form is very toxic. Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory
		disease, skin contact can also cause an allergic skin rash, nickel and its compounds have been reported to cause cancer of the lungs and sinuses.
SILICON	:	Elementary silicon is an inert material which appears to lack the property of causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust.
		Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the
		ILV. Silicon may cause chronic respiratory effects.
EYES	:	If dust/fumes get in eyes, immediately flush with large amounts of running water
SKIN		for several minutes and seek Prompt medical attention.
SKIN	•	and wash contaminated clothing if rash or irritation persists, seek medical attention.
INHALATION	:	If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPP. Keep effected actions of the store of
INGESTION	:	If significant amounts of metal are ingested, seek medical attention.
SECTION 5. FIRE FIGHTING	MEA	SURES
EXTINGUISHER MEDIA SUITABLE	:	In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co <sup>2</sup> .
SPECIAL EXPOSURE HAZARDS	:	No special fire or explosion hazard. Promptly isolate the scene by removing all persons. Vicinity of the incident if there is a fire.
HAZARDOUS COMBUSTION	:	Not applicable for solid form alloy. Toxic metal and metallic Oxide.
PRODUCTS	:	Fumes may be evolved from fires involving finely divided alloy
SPECIAL PROTECTIVE	:	Fire Fighters should wear appropriate protective equipment and Equipment of Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece operated in positive pressure mode.
SECTION 6. ACCIDENTAL REI	LEA	SE MEASURES
Minimal problems with spill	ls of t	this product would be expected to occur because of its solid form.
Protective Equipment: Gloves and If your process involves grinding c	barri or an	ier creams may be necessary to prevent skin sensitization and dermatitis. y other action that causes the release of dust or fumes, approved safety alasses or apaales should be worn
SECTION 7. HANDELING & S	TOR	RAGE
SECTION 7. HANDELING & ST HANDLING PRECAUTIONS	TOR :	RAGE Providing good ventilation and/or local exhaust systems are used.
SECTION 7. HANDELING & STORAGE REQUIREMENTS	TOR : :	RAGE Providing good ventilation and/or local exhaust systems are used. Store in a dry place.
SECTION 7. HANDELING & STANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED	TOR : :	RAGE Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT	TOR	RAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION	TOF : : : ROI	RAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION	TOF	PAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be warp when welding or burning
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION	TOR : : : :	Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION	TOR	RAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS	TOR : : : : : :	RAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES	TOR : : : : : : : : : : : : :	Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container. <b>LS/ PERSONAL PROTECTIONS</b> NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded. Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning. Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period. Ermissions from ventilation or work process equipment should be checked to
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES	TOR : : : : : : : : : :	Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container. <b>LS/ PERSONAL PROTECTIONS</b> NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded. Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning. Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
SECTION 7. HANDELING & STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI	TOR : : : : : : : : : : : : : : : : : : :	Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container.  SY PERSONAL PROTECTIONS NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded. Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning. Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. CCLL PROPERTIES
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE	TOR : : : : : : : : : : : : : : : : : : :	CAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container. <b>LS / PERSONAL PROTECTIONS</b> NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. <b>CAL PROPERTIES</b> Solid         NOM
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5)	TOR : : : : : : : : : : : : : : : : : : :	CAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         220
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH	TOR : : : : : : : : : : : : : : : : : : :	Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT ESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN	TOR : : : : : : : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         SJ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS	TOR : : : : : : : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A         TABILITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS	TOR : : : : : : : : : : : : : : : : : : :	ACGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Sofety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A         TABLITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT ESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSSIBILITY OF HAZARDOUS REACTIONS	TOR : : : : : : : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         NO.4 or B.A         TABILITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         Stormal conditions of storage and use, hazardous reactions will not occur.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT ESPIRATORY PROTECTION EVE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS	TOR : : : : : : : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Stare in a dry place.         Use original container.         LS/ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Sofety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         VERMATION         According to our experience and information the product has no harmful effects on health if properly handled.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL	TOR : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         ES/PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A         TABILITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         KFORMATION         According to our experience and information the product has no harmful effects on health if properly handled.         ORMATION
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL	TOR : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         Sty PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         1400-1450 °C         7.750         220         No.4 or B.A         TABILITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         KFORMATION         According to our experience and information the product has no harmful effects on health if properly handled.         ORMATION         T
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL	TOR : : : : : : : : : : : : :	AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         CSP PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face tharoughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation is one cases, fume scrubens, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         100-1450 °C         27,750         220         No.4 or B.A         TABILITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         FORMATION         According to our experience and information the product has no harmful effects on health if properly handled.         ORMATION         The p
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT ESPIRATORY PROTECTION EYE PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL	TOR : : : : : : : : : : : : : : : : : : :	ACCE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         EXPENSIONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CLI PROPERTIES         Solid         Ma0-1450 °C         7,750         220         No.4 or B.A         TABLITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         VFORMATION         According to our experience and information the product has no harmful effects on health if properly handled.         ORMATION         The
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL	TOR : : : : : : : : : : : : :	Mcse           Providing good ventilation and/or local exhaust systems are used.           Store in a dry place.           Use original container.           LS/ PERSONAL PROTECTIONS           NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.           Safety glasses should always be warn when grinding or cutting. Face shields should be worn when welding or burning.           Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.           Wash all exposed skin and face thoroughly after handling products before eating, sonking or using the lavatory and at the end of the working period.           Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation is not eaces, fume scrubber, filters or engineering modifications to the perocess equipment will be necessary to reduce emissions to acceptable levels.           CAL PROPERTIES           Solid           Muo-1450 °C           7.750           220           No. A or B.A           TABLITY           The product is stable.           Under normal conditions of storage and use, hazardous reactions will Not Occur.           FORMATION           According to our experience and information the product has no harmful effects on health if properly handided.           CMATION
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICA SECTION 12. ECHOLOGICAL METHODS OF DISPOSAL GENERAL INFORMATION	TOR : : : : : : : : : : : : :	ACAGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         STORE PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/me respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Store in a dry place.         Store in generated.         Store in generated.         Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation, in some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CLIPROPERTIES       Solid         No.4 or B.A.       TABLITY         The product is stable.       Under normal conditions of storage and use, hazardous reactions will Not Occur.         IFORMATION       According to our experience and information the product has no harmful effects on health if properly handled.         ERATIONE       Explace is practically insoluble in water. In views of its consistency and insolublity in water, no ecological Problems are to be expected if the product is properly handled.         ERATIONE       Explace of in accordance with federal, provincial, state Or local regulations.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL METHODS OF DISPOSAL GENERAL INFORMATION SECTION 14. TRANSPORT IN	TOR : : : : : : : : : : : : :	AGE Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container. SY PERSONAL PROTECTIONS NIOSH / MSHA approved dust/mist/fume respirators should be used duing welding, burning and grinding operations, if applicable exposure limits are exceeded. Safety glasses should always be worn when grinding or cutting. Face shields should be warn when welding or burning. Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period. Emissions fram ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. CLEPROPERTIES Solid 1400-1450 °C 7,750 220 No.4 or B.A TABLITY The product is stable. Under normal conditions of storage and use, hazardous reactions will Not Occur. IFORMATION The product is proceically insoluble in water. In views of its consistency and insolubility in water, no ecological Problems are to be expected if the product is properly handled. ERATIONS Extended to provincial, state Or local regulations. EXTEND Interial is not listed as a hazardous substance for any mode of transportation.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL METHODS OF DISPOSAL GENERAL INFORMATION SECTION 14. TRANSPORT IN METHODS OF DISPOSAL		AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         SIONEL PROTECTIONS         NIOSH / MSHA approved dust/mist/jume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should olways be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clathes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly ofter handling products before eating, smoking or using the lavatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation, in some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid         Ma0-1650 °C         27,80         No.4 or B.A         TABLITY         The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         FORMATION         According to our experience and information the product has no harmful effects in heidubility in water, no ecological Problems are to be expected if the product is product is practiogical Problems are to be expected if the product is p
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL SECTION 13. DISPOSAL CON METHODS OF DISPOSAL GENERAL INFORMATION SECTION 14. TRANSPORT IN SECTION 15. REGULATORY IN		AGE Providing good ventilation and/or local exhaust systems are used. Store in a dry place. Use original container. S/PERSONAL PROTECTIONS NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded. Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning. Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. If some cases, furge scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. CAL PROPERTIES Solid 1400-1450 °C 1750 220 No.4 or B.A. TABILITY The product is stable. Under normal conditions of storage and use, hazardous reactions will Not Occur. FFORMATION According to our experience and information the product has no harmful effects on health if properly handled. ERATIONE CENTIONE CENTION
SECTION 17. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EYE PROTECTION SKIN PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL METHODS OF DISPOSAL GENERAL INFORMATION SECTION 14. TRANSPORT IN SARA TITLE III HAZARD CATEGORIZATION SARA TITLE III HAZARD CATEGORIZATION SARA TITLE III HAZARD CATEGORIZATION	TOR : : : : : : : : : : : : :	AGE         Providing good ventiliation and/or local exhaust systems are used.         Stare in a dry place.         Use original container.         SJ/PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/Jume respirators should be used during welding, burning and grinding operations, if applicable expasure limits are exceeded.         Salety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.         Skin covering working clothes, wear dust proof overolls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly after handling products before eating, smaking or using the lovatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, Jume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         Solid 1200-1230 °C       7250         220       No 4 or B A         TABLITY       The product is stable.         Under normal conditions of storage and use, hazardous reactions will Not Occur.         FROMATION       According to our experience and information the product has no harmful effects on nealth if properly handled.         CHATION       The product is proctically insoluble in water. In views of its consistency and insolubliking in water, no ecological Problems are to be expected if the product is properly handled.
SECTION 7. HANDELING & S HANDLING PRECAUTIONS STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED SECTION 8. EXPOSURE CONT RESPIRATORY PROTECTION EVE PROTECTION HYGIENE MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES SECTION 9. PHYSICAL & CHI PHYSICAL STATE MELTING TEMPERATURE DENSITY (G/CM3) HARDNESS (HV5) FINISH SECTION 10. REACTIVITY AN STABILITY POSSIBILITY OF HAZARDOUS REACTIONS SECTION 11. TOXICOLOGICAL SECTION 12. ECHOLOGICAL METHODS OF DISPOSAL GENERAL INFORMATION SECTION 14. TRANSPORT IN SARA TITLE III HAZARD CATEGORIZATION SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS		AGE         Providing good ventilation and/or local exhaust systems are used.         Store in a dry place.         Use original container.         SJ PERSONAL PROTECTIONS         NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.         Safety glasses should always be wom when grinding or cutting. Face shields is should be work when welding or burning.         Skin covering working clathes, wear dust proof overalls if large quantity of dust is generated.         Wash all exposed skin and face thoroughly ofter handling products before eating, smoking or using the lovatory and at the end of the working period.         Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, Jume scrubbers, Jikers or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.         CAL PROPERTIES         Solid 1000-1550 °C         Ned or B.A         TABLITY         A cording to our experience and information the product has no harmful effects on health if properly handled.         CMAMATION         A cording to our experience and information the product has no harmful effects on health if properly handled.         CMATION         The product is practically insoluble in water. In views of its consistency and insolubility in water, no eccleogical Problems are to be expected

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