MATERIAL DATA SAFETY SHEET

(ALIGN)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Chemical Composition

Nitrogen

HAZARDS IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

FLAMMABILITY

INHALATION

INGESTION

SILICON

MOLYBDENUM

SKIN

INHALATION

INGESTION

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SECTION 7.

SECTION 8.

SKIN PROTECTION

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

SECTION 11.

GENERAL INFORMATION

SECTION 14.

SARA TITLE III HAZARD

CATEGORIZATION

SUBSTANCES (EHSS):

FINISH

STABILITY

RESPIRATORY PROTECTION

EYE CONTACT SKIN CONTACT

EMERGENCY OVERVIEW

PRIMARY ROUTE OF EXPOSURE

Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. **MATERIAL USED**

Stainless Steel - Grade 316

MANUFACTURER'S NAME

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

CAS No.

7727-37-9

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Fumes & dust may be irritating to respiratory system. Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

% Weight

0.066

Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting.

when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation

Not anticipated under normal circumstances. As such this material is not expected

adversely affect the central nervous system with symptoms resembling

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. Elementary silicon is an inert material which appears to lack the property of

Based on animal experiments, molybdenum and its compounds are highly toxic. Some evidence of liver dysfunction with hyperbilirubinemia have been reported in workmen chronically exposed . In addition signs of gout have been found in factory workers . The main features were joint pains in the knees, hands, feet, articular

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.

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.

If significant amounts of metal are ingested, seek medical attention.

: In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co².

Not applicable for solid form alloy. Toxic metal and metallic Oxide.

Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

NIOSH / MSHA approved dust/mist/fume respirators should be used during

Skin covering working clothes, wear dust proof overalls if large quantity of

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

welding, burning and grinding operations, if applicable exposure

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition	CAS NO.	70 VV CIGITO	
■ Carbon	7440-44-0	0.022	
Chromium	7440-47-3	16.77	
■ Iron	7439-89-6	67.91	
Manganese	7439-96-5	1.761	
Phosphorus	7723-14-0	0.039	
Silicon	7440-21-3	0.359	
■ Sulphur	7704-34-9	0.0055	
■ Nickel	7440-02-0	10.24	
■ Molybdenum	7439-98-7	2.074	
Aluminium	<i>7</i> 429-90-5	0.013	
■ Cobalt	7440-48-4	0.21	
■ copper	<i>7</i> 440-50-8	0.403	
■ Niobium	7440-03-1	0.019	
■ Titanium	7440-32-6	0.0060	
■ Vanadium	7440-62-2	0.069	
■ Tungsten	7440-33-7	0.014	
■ Tin	7440-31-5	0.012	
Arsenic	7440-38-2	0.0075	

ROUTE OF EXPOSURE Eye, Skin contact or Inhalation Steel production sheet, coil do not pose a significant health hazardous. However

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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

Parkinson's disease.

Not Applicable

observable as an x-ray change. Chronic exposure to high concentrations of manganese fumes and dusts may **MANGANESE** increase the incidence of bronchitis pneumonia and lung damage and may

The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM**

on its oxidation state. The metal form (chromium as it exists in this product) is of very low toxicity. The hexavalent form is very toxic. NICKEL Nickel is a common contact allergen & causes some sensitization, allergic contact

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 e ffects.

FIRST AIDS MEASURES SECTION 4. **EYES** : If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.

deformities, erythema, and edema of the joint areas.

FIRE FIGHTING MEASURES SECTION 5.

SECTION 6. ACCIDENTAL RELEASE MEASURES

HANDELING & STORAGE

SUITABLE : No special fire or explosion hazard. Promptly isolate the scene by removing all SPECIAL EXPOSURE HAZARDS

persons. Vicinity of the incident if there is a fire.

PRODUCTS Fumes may be evolved from fires involving finely divided alloy SPECIAL PROTECTIVE Fire Fighters should wear appropriate protective equipment and Equipment of

operated in positive pressure mode.

Minimal problems with spills of this product would be expected to occur because of its solid form. Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis.

Providing good ventilation and/or local exhaust systems are used. HANDLING PRECAUTIONS STORAGE REQUIREMENTS Store in a dry place.

Use original container.

limits are exceeded.

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn

EYE PROTECTION Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.

ENVIRONMENTAL EXPOSURE CONTROLS

PACKAGING MATERIAL RECOMMENDED

HYGIENE MEASURES 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.

Solid PHYSICAL STATE MELTING TEMPERATURE 1375-1400 °C DENSITY (G/CM3) 7.750

POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will Not Occur. **REACTIONS**

REACTIVITY AND STABILITY

TOXICOLOGICAL INFORMATION

PHYSICAL & CHEMICAL PROPERTIES

205

No.4 or B.A

The product is stable.

According to our experience and information the product has no harmful effects on health if properly handled. **ECHOLOGICAL INFORMATION** SECTION 12.

properly handled.

SECTION 13. **DISPOSAL CONSIDERATIONS** METHODS OF DISPOSAL Steel scrap should be recycled wherever possible

Dispose of in accordance with federal, provincial, state Or local regulations. TRANSPORT INFORMATION

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

SECTION 15. **REGULATORY INFORMATION**

Product (Dust and Fume) is categorized as an immediate (acute) health hazard

and a delayed (chronic) Health hazard is defined by 40 CFR 370.

Material is not listed as a hazardous substance for any mode of transportation.

SARA TITLE III SECTION 302 No components are listed as extremely hazardous substances EXTREMELY HAZARDOUS

OTHER INFORMATION SECTION 16.

The information provided herein is 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 fitness thereof for any purpose or concerning the accuracy of any information provided.

MATERIAL SAFETY DATA SHEET (ALIGN)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

FLAMMABILITY

EYE CONTACT

SKIN CONTACT

INGESTION

CHROMIUM

SECTION 4.

SECTION 5.

SUITABLE

PRODUCTS

SECTION 7.

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

SECTION 13.

SECTION 14.

SECTION 16.

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

EYES

SKIN

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. **MATERIAL USED**

Stainless Steel - Grade 304

MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

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

COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

% Weight

0.065

0.330

Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

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

Not anticipated under normal circumstances. As such this material is not expected

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

The alleged health hazards associated with exposure to chromium are dependent

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.

Carbon 7440-44-0 Silicon 7440-21-3

Chemical Composition

Manganese	7439-96-5	1.030			
Phosphorus	7723-14-0	0.041			
■ Sulphur	7704-34-9	0.006			
Chromium	7440-47-3	18.250			
Molybdenum	<i>7</i> 439-98-7	0.240			
■ Nickel	7440-02-0	8.240			
Aluminium	7429-90-5	0.0034			
Cobalt	7440-48-4	0.220			
Copper	7440-50-8	0.360			
Niobium	7440-03-1	0.0079			
■ Titanium	7440-32-6	0.004			
■ Venadium	7440-62-2	0.006			
■ Tungsten	7440-33-7	0.021			
■ Tin	<i>7</i> 440-31-5	0.008			
Arsenic	7440-38-2	0.003			
■ Boron	7440-42-8	0.0007			
■ Nitrogen	7727-37-9	0.024			
■ Iron	7439-89-6	71.140			
HAZARDS IDENTIFICATION					

PRIMARY ROUTE OF EXPOSURE Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting.

& appropriate protective equipment for workers. EFFECT OF SHORT TERM (ACUTE) EXPOSURE Fumes & dust may be irritating to respiratory system. INHALATION

Eye, Skin contact or Inhalation

Not Applicable

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE Chronic inhalation of high concentrations of metallic fumes and dusts are

associated with the following conditions. Chronic inhalation of excessive concentrations of iron oxide fumes or dust may **IRON OXIDE**

to be acutely toxic via ingestion.

Molten material may cause thermal burns.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

MANGANESE 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.

observable as an x-ray change.

on its oxidation state. The metal form (chromium as it exists in this product) is of very low toxicity. The hexavalent form is very toxic. **NICKEL** Nickel is a common contact allergen & causes some sensitization, allergic contact

Elementary silicon is an inert material which appears to lack the property of SILICON causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust.

TLV. Silicon may cause chronic respiratory effects.

FIRST AIDS MEASURES If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention. If dust gets on skin wash contaminated area with mild soap and water. Remove

In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co².

Not applicable for solid form alloy. Toxic metal and metallic Oxide.

Providing good ventilation and/or local exhaust systems are used.

welding, burning and grinding operations, if applicable exposure

NIOSH / MSHA approved dust/mist/fume respirators should be used during

Skin covering working clothes, wear dust proof overalls if large quantity of

Emissions from ventilation or work process equipment should be checked to

smoking or using the lavatory and at the end of the working period.

Wash all exposed skin and face thoroughly after handling products before eating,

ensure they comply with the requirements of environmental protection legislation.

Under normal conditions of storage and use, hazardous reactions will Not Occur.

Fumes may be evolved from fires involving finely divided alloy

and wash contaminated clothing if rash or irritation persists, seek medical attention.

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

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.

FIRE FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

HANDELING & STORAGE

If significant amounts of metal are ingested, seek medical attention. INGESTION

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.

operated in positive pressure mode.

glasses or goggles should be worn

SPECIAL PROTECTIVE Fire Fighters should wear appropriate protective equipment and Equipment of Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

Minimal problems with spills of this product would be expected to occur because of its solid form. Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis. If your process involves grinding or any other action that causes the release of dust or fumes, approved safety

Store in a dry place.

Use original container.

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS SECTION 8.

limits are exceeded. EYE PROTECTION Safety glasses should always be worn when grinding or cutting. Face shields

dust is generated.

Solid

7.750

1400-1450 °C

should be worn when welding or burning.

In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

HARDNESS (HV5) 220 **FINISH** No.4 or B.A

on health if properly handled.

The product is stable.

According to our experience and information the product has no harmful effects

ECHOLOGICAL INFORMATION

DISPOSAL CONSIDERATIONS

REACTIVITY AND STABILITY

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

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.

TRANSPORT INFORMATION Material is not listed as a hazardous substance for any mode of transportation.

SECTION 15. **REGULATORY INFORMATION** SARA TITLE III HAZARD

Product (Dust and Fume) is categorized as an immediate (acute) health hazard **CATEGORIZATION** and a delayed (chronic) Health hazard is defined by 40 CFR 370.

SARA TITLE III SECTION 302 No components are listed as extremely hazardous substances EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

OTHER INFORMATION

The information provided herein is 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 fitness thereof for any purpose or concerning the accuracy of any information provided.

MATERIAL SAFETY DATA SHEET

(ALIGN)



PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

SKIN CONTACT

IRON OXIDE

NICKEL

SKIN

INHALATION

INGESTION

SUITABLE

PRODUCTS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

REACTIONS

SECTION 12.

SECTION 13.

SECTION 15.

SUBSTANCES (EHSS):

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

FINISH

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

MATERIAL IDENTIFICATION

Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. MATERIAL USED

Stainless Steel - Grade 430

MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

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

COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

7440-44-0

7440-47-3

% Weight

0.072

16.33

82.21

Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

Chromium Iron 7439-89-6

Chemical Composition

Carbon

Manganese	<i>7</i> 439-96-5	0.616			
Phosphorus	7723-14-0	0.033			
Silicon	7440-21-3	0.315			
■ Sulphur	<i>77</i> 04-34-9	0.0066			
Nickel	7440-02-0	0.171			
Molybdenum	<i>7</i> 439-98-7	0.020			
Aluminium	7429-90-5	0.036			
Cobalt	7440-48-4	0.031			
Copper	<i>7</i> 440-50-8	0.082			
Niobium	7440-03-1	0.0069			
■ Titanium	7440-32-6	0.0039			
Vanadium	7440-62-2	0.031			
■ Tin	<i>7</i> 440-31-5	0.0055			
Arsenic	7440-38-2	0.0021			
■ Nitrogen	<i>7727-37-</i> 9	0.028			
HAZARDS IDENTIFICATION					

FLAMMABILITY Not Applicable Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting. PRIMARY ROUTE OF EXPOSURE

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

Eye, Skin contact or Inhalation

EFFECT OF SHORT TERM (ACUTE) EXPOSURE Fumes & dust may be irritating to respiratory system. INHALATION EYE CONTACT Dust or particles may cause mechanical irritation.

Not anticipated under normal circumstances. As such this material is not expected **INGESTION** 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.

& appropriate protective equipment for workers.

Dust or particles may cause irritation due to abrasion.

Molten material may cause thermal burns.

MANGANESE 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.

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may results in development of a benign pneumoconiosis, called siderosis, which is

Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory

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

If dust gets on skin wash contaminated area with mild soap and water. Remove

If inhalation of dust / fumes occurs, immediately remove victim from the adverse

In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co².

No special fire or explosion hazard. Promptly isolate the scene by removing all

Fire Fighters should wear appropriate protective equipment and Equipment of

Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

If significant amounts of metal are ingested, seek medical attention.

and wash contaminated clothing if rash or irritation persists, seek medical attention.

The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM** on its oxidation state. The metal form (chromium as it exists in this product) is of very low toxicity. The hexavalent form is very toxic.

observable as an x-ray change.

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. Elementary silicon is an inert material which appears to lack the property of SILICON

SECTION 4. FIRST AIDS MEASURES **EYES** : If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.

TLV. Silicon may cause chronic respiratory effects.

environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 5. FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION Not applicable for solid form alloy. Toxic metal and metallic Oxide.

operated in positive pressure mode.

If your process involves grinding or any other action that causes the release of dust or fumes, approved safety

persons. Vicinity of the incident if there is a fire.

Fumes may be evolved from fires involving finely divided alloy

Providing good ventilation and/or local exhaust systems are used.

NIOSH / MSHA approved dust/mist/fume respirators should be used during

Safety glasses should always be worn when grinding or cutting. Face shields

Skin covering working clothes, wear dust proof overalls if large quantity of

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.

Minimal problems with spills of this product would be expected to occur because of its solid form. Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis.

glasses or goggles should be worn SECTION 7. **HANDELING & STORAGE**

Store in a dry place.

Use original container.

welding, burning and grinding operations, if applicable exposure limits are exceeded.

PHYSICAL & CHEMICAL PROPERTIES

REACTIVITY AND STABILITY

175

No.4 or B.A

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

HYGIENE MEASURES 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.

dust is generated.

should be worn when welding or burning.

PHYSICAL STATE Solid **MELTING TEMPERATURE** 1425-1510 °C DENSITY (G/CM3) 7.750

STABILITY The product is stable. POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will Not Occur.

properly handled.

on health if properly handled.

ECHOLOGICAL INFORMATION

SECTION 11. TOXICOLOGICAL INFORMATION

DISPOSAL CONSIDERATIONS Steel scrap should be recycled wherever possible

Dispose of in accordance with federal, provincial, state Or local regulations.

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

According to our experience and information the product has no harmful effects

TRANSPORT INFORMATION **SECTION 14.** Material is not listed as a hazardous substance for any mode of transportation.

REGULATORY INFORMATION

SARA TITLE III HAZARD Product (Dust and Fume) is categorized as an immediate (acute) health hazard and a delayed (chronic) Health hazard is defined by 40 CFR 370. CATEGORIZATION

SARA TITLE III SECTION 302 **EXTREMELY HAZARDOUS**

OTHER INFORMATION

No components are listed as extremely hazardous substances

The information provided herein is 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 fitness thereof for any purpose or concerning the accuracy of any information provided.