MATERIAL DATA SAFETY SHEET

(CORE)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Chemical Composition

Carbon

Chromium

Iron

Manganese

Phosphorus

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

Titanium

Vanadium

Tungsten

Tin

Arsenic

Nitrogen

HAZARDS IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

FLAMMABILITY

INHALATION

INGESTION

CHROMIUM

NICKEL

MOLYBDENUM

EYES

SKIN

INHALATION

SECTION 5.

SECTION 7.

SECTION 8.

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

SARA TITLE III HAZARD

CATEGORIZATION

SECTION 16.

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

RESPIRATORY PROTECTION

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

EYE CONTACT

SKIN CONTACT

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

PRIMARY ROUTE OF EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) 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)

COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

7440-44-0

7440-47-3

*7*439-89-6

7439-96-5

7723-14-0

7440-21-3

7704-34-9

7440-02-0

7439-98-7

7429-90-5

7440-48-4

7440-50-8

7440-03-1

7440-32-6

7440-62-2

7440-33-7

7440-31-5

7440-38-2

7727-37-9

Molten material may cause thermal burns.

Fumes & dust may be irritating to respiratory system.

Dust or particles may cause irritation due to abrasion.

Dust or particles may cause mechanical irritation.

% Weight

0.022

16.77

67.91

1.761

0.039

0.359

0.0055

10.24

2.074

0.013

0.21

0.403

0.019

0.0060

0.069

0.014

0.012

0.0075

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.

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

adversely affect the central nervous system with symptoms resembling

The alleged health hazards associated with exposure to chromium are dependent

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

Based on animal experiments, molybdenum and its compounds are highly toxic. Some evidence of liver dysfunction with hyperbilirubinemia have been reported in

If dust/fumes get in eyes, immediately flush with large amounts of running water

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.

: 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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

In some cases, fume scrubbers, filters or engineering modifications to the process

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

welding, burning and grinding operations, if applicable exposure

on its oxidation state. The metal form (chromium as it exists in this product) is of

	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) EXPOSURE	

to be acutely toxic via ingestion.

Eye, Skin contact or Inhalation

Not Applicable

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

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

Parkinson's disease.

associated with the following conditions.

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 SILICON

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory e ffects.

for several minutes and seek Prompt medical attention.

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 deformities, erythema, and edema of the joint areas. SECTION 4. FIRST AIDS MEASURES

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

FIRE FIGHTING MEASURES

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.

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

TECHNICAL MEASURES Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

DENSITY (G/CM3) 7.750 HARDNESS (HV5) 205 **FINISH** No.4 or B.A

The product is stable.

SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects on health if properly handled.

ECHOLOGICAL INFORMATION

PHYSICAL & CHEMICAL PROPERTIES

REACTIVITY AND STABILITY

Solid

1375-1400 °C

properly handled. SECTION 13. **DISPOSAL CONSIDERATIONS**

> 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.

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

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

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**

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

OTHER INFORMATION

No components are listed as extremely hazardous substances

Steel scrap should be recycled wherever possible

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 (CORE)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

FLAMMABILITY

INGESTION

MANGANESE

CHROMIUM

SILICON

SECTION 4.

SECTION 5.

SUITABLE

PRODUCTS

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

HYGIENE MEASURES

TECHNICAL MEASURES

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

DENSITY (G/CM3)

HARDNESS (HV5)

FINISH

STABILITY

REACTIONS

SECTION 12.

SECTION 13.

SECTION 14.

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

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

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

Chemical Composition

Manganese	<i>7</i> 439-96-5	1.030			
Phosphorus	<i>77</i> 23-14-0	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	<i>7</i> 429-90-5	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	7440-31-5	0.008			
Arsenic	<i>7</i> 440-38-2	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.

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

Fumes & dust may be irritating to respiratory system. INHALATION EYE CONTACT Dust or particles may cause mechanical irritation. SKIN CONTACT Dust or particles may cause irritation due to abrasion.

Not Applicable

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. Chronic inhalation of excessive concentrations of iron oxide fumes or dust may **IRON OXIDE**

observable as an x-ray change.

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Eye, Skin contact or Inhalation

increase the incidence of bronchitis pneumonia and lung damage and may

adversely affect the central nervous system with symptoms resembling Parkinson's disease. The alleged health hazards associated with exposure to chromium are dependent

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

causing fibrosis in lung tissue. However, slight pulmonary lesions have been

If dust/fumes get in eyes, immediately flush with large amounts of running water

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.

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

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

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

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

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

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

Fumes may be evolved from fires involving finely divided alloy

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

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

Chronic exposure to high concentrations of manganese fumes and dusts may

on its oxidation state. The metal form (chromium as it exists in this product) is of

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

very low toxicity. The hexavalent form is very toxic. **NICKEL** Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory

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.

for several minutes and seek Prompt 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.

FIRST AIDS MEASURES

FIRE FIGHTING 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. SECTION 6. ACCIDENTAL RELEASE MEASURES

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 glasses or goggles should be worn

Store in a dry place.

Use original container.

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

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

SKIN PROTECTION Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated.

should be worn when welding or burning.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES PHYSICAL STATE Solid

REACTIVITY AND STABILITY SECTION 10.

The product is stable.

1400-1450 °C

No.4 or B.A

7.750

220

According to our experience and information the product has no harmful effects on health if properly handled.

ECHOLOGICAL INFORMATION

properly handled. **DISPOSAL CONSIDERATIONS**

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

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

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

TRANSPORT INFORMATION

REGULATORY INFORMATION

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

Steel scrap should be recycled wherever possible

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 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 (CORE)



PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

IRON OXIDE

CHROMIUM

SECTION 4.

EYES

SKIN

INGESTION

SECTION 5.

PRODUCTS

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

STABILITY

REACTIONS

SECTION 12.

SECTION 13.

SECTION 14.

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

NICKEL

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

% Weight

0.072

16.33

Carbon 7440-47-3 Chromium Iron

Chemical Composition

■ Iron	<i>7</i> 439-89-6	82.21			
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	<i>7</i> 429-90-5	0.036			
Cobalt	7440-48-4	0.031			
Copper	<i>7</i> 440-50-8	0.082			
Niobium	7440-03-1	0.0069			
■ Titanium	<i>7</i> 440-32-6	0.0039			
■ Vanadium	7440-62-2	0.031			
■ Tin	7440-31-5	0.0055			
Arsenic	7440-38-2	0.0021			
■ Nitrogen	7727-37-9	0.028			
RDS IDENTIFICATION					

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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.

Eye, Skin contact or Inhalation

Fumes & dust may be irritating to respiratory system. INHALATION 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.

associated with the following conditions.

observable as an x-ray change.

Molten material may cause thermal burns.

MANGANESE Chronic exposure to high concentrations of manganese fumes and dusts may

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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 high concentrations of metallic fumes and dusts are

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

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 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

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

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

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 causing fibrosis in lung tissue. However, slight pulmonary lesions have been

TLV. Silicon may cause chronic respiratory effects.

FIRST AIDS MEASURES If dust/fumes get in eyes, immediately flush with large amounts of running water lical attention. rea with mild soap and water. Remove

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

Fire Fighters should wear appropriate protective equipment and Equipment of

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 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.

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,

welding, burning and grinding operations, if applicable exposure

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

Fumes may be evolved from fires involving finely divided alloy

or irritation persists, seek medical attention.

ediately remove victim from the adverse al attention. If breathing has stopped, Keep affected person warm and at rest.

ed, seek medical attention.

INHALATION

FIRE FIGHTING

SUITABLE 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.

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. 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 glasses or goggles should be worn

SECTION 7. **HANDELING & STORAGE** HANDLING PRECAUTIONS Providing good ventilation and/or local exhaust systems are used.

Store in a dry place.

Use original container.

SECTION 8. **EXPOSURE CONTROLS/ PERSONAL PROTECTIONS**

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

dust is generated.

should be worn when welding or burning.

PHYSICAL & CHEMICAL PROPERTIES SECTION 9.

HARDNESS (HV5) 175 **FINISH** No.4 or B.A **REACTIVITY AND STABILITY** SECTION 10.

on health if properly handled.

properly handled.

The product is stable.

Solid

7.750

1425-1510 °C

SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects

ECHOLOGICAL 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

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

TRANSPORT INFORMATION 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**

OTHER INFORMATION

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

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.