MATERIAL DATA SAFETY SHEET

(SILK)

PRODUCT DESCRIPTION

SECTION 1. 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**

MANUFACTURER'S NAME

Stainless Steel - Grade 316

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

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

7440-44-0

7440-47-3

% Weight

0.022

16.77

67 91

	Iron	7439-89-6
_	Managnese	7/139-96-5

Chemical Composition

Carbon

Chromium

iron	7439-89-0	67.91
Manganese	<i>7</i> 439-96-5	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	7429-90-5	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
Nitrogen	7727-37-9	0.066

Molten material may cause thermal burns. **FLAMMABILITY** Not Applicable

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

& 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.

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

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

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

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

Eye, Skin contact or Inhalation

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 adversely affect the central nervous system with symptoms resembling

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

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

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.

Parkinson's disease.

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

> 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 deformities, erythema, and edema of the joint areas.

> > for several minutes and seek Prompt medical attention.

TLV. Silicon may cause chronic respiratory e ffects.

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

INGESTION

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.

Fumes may be evolved from fires involving finely divided alloy

: 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.

SPECIAL EXPOSURE HAZARDS

SECTION 5.

: 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 should wear appropriate protective equipment and Equipment of 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

SECTION 6. ACCIDENTAL RELEASE MEASURES

HAZARDOUS COMBUSTION

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

glasses or goggles should be worn

operated in positive pressure mode.

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

PACKAGING MATERIAL RECOMMENDED

SKIN PROTECTION

HYGIENE MEASURES

RESPIRATORY PROTECTION

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. **ENVIRONMENTAL EXPOSURE CONTROLS**

PHYSICAL & CHEMICAL PROPERTIES SECTION 9. PHYSICAL STATE

> 220 White Matt **REACTIVITY AND STABILITY**

TOXICOLOGICAL INFORMATION

Solid

7.750

1400-1450 °C

The product is stable.

POSSIBILITY OF HAZARDOUS **REACTIONS**

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 on health if properly handled. **ECHOLOGICAL INFORMATION**

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

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.

Steel scrap should be recycled wherever possible

SECTION 15.

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

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.

- SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- PRIMARY ROUTE OF EXPOSURE **ROUTE OF EXPOSURE**
- INHALATION EYE CONTACT SKIN CONTACT INGESTION
- **IRON OXIDE**
- **CHROMIUM**
- SILICON

NICKEL

- **MOLYBDENUM**
- **EYES** SKIN

SECTION 4.

- EXTINGUISHER MEDIA **SUITABLE**
- **PRODUCTS** SPECIAL PROTECTIVE
- If your process involves grinding or any other action that causes the release of dust or fumes, approved safety SECTION 7.

SECTION 8.

- TECHNICAL MEASURES
 - DENSITY (G/CM3) HARDNESS (HV5) **FINISH** SECTION 10.

STABILITY

MELTING TEMPERATURE

SECTION 12.

SECTION 11.

SECTION 14.

- METHODS OF DISPOSAL GENERAL INFORMATION
- **REGULATORY INFORMATION** SARA TITLE III HAZARD
- EXTREMELY HAZARDOUS SUBSTANCES (EHSS):
- OTHER INFORMATION SECTION 16.

MATERIAL SAFETY DATA SHEET (SILK)

PRODUCT DESCRIPTION

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

MANGANESE

SILICON

SECTION 4.

EYES

SKIN

INGESTION

PRODUCTS

SPECIAL PROTECTIVE

SECTION 7.

HANDLING PRECAUTIONS

RESPIRATORY PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

SECTION 10.

STABILITY

REACTIONS

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 15.

SECTION 16.

SECTION 5.

SPECIAL EXPOSURE HAZARDS

PRIMARY ROUTE OF EXPOSURE

SECTION 1. 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 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

7440-21-3

% 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.

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

Steel production sheet, coil do not pose a significant health hazardous. However

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

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

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 significant amounts of metal are ingested, seek medical attention.

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

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

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

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

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

welding, burning and grinding operations, if applicable exposure

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

Chemical Composition CAS No. 7440-44-0 Carbon

Silicon

Manganese	<i>7</i> 439-96-5	1.030			
Phosphorus	7723-14-0	0.041			
Sulphur	7704-34-9	0.006			
Chromium	7440-47-3	18.250			
Molybdenum	7439-98-7	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	7440-31-5	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					

Molten material may cause thermal burns. **FLAMMABILITY** Not Applicable

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

Eye, Skin contact or Inhalation

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

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 **CHROMIUM**

observable as an x-ray change.

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 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.

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.

for several minutes and seek Prompt medical attention.

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

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

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

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

operated in positive pressure mode.

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

persons. Vicinity of the incident if there is a fire. HAZARDOUS COMBUSTION Not applicable for solid form alloy. Toxic metal and metallic Oxide.

SECTION 6. ACCIDENTAL RELEASE MEASURES Minimal problems with spills of this product would be expected to occur because of its solid form.

STORAGE REQUIREMENTS Store in a dry place.

HANDELING & STORAGE

PACKAGING MATERIAL RECOMMENDED Use original container. SECTION 8. **EXPOSURE CONTROLS/ PERSONAL PROTECTIONS**

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

ENVIRONMENTAL EXPOSURE CONTROLS

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

limits are exceeded.

SECTION 9. **PHYSICAL & CHEMICAL PROPERTIES**

Solid

7.750

220

1400-1450 °C

FINISH White Powder Coated

The product is stable.

properly handled.

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

REACTIVITY AND STABILITY

on health if properly handled. SECTION 12. **ECHOLOGICAL INFORMATION**

Steel scrap should be recycled wherever possible

SECTION 13. **DISPOSAL CONSIDERATIONS**

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

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

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

SARA TITLE III 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 (SILK)

PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

MANGANESE

SILICON

SKIN

SECTION 5.

PRODUCTS

SPECIAL EXPOSURE HAZARDS

STORAGE REQUIREMENTS

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

SECTION 13.

SECTION 14.

SARA TITLE III HAZARD

EXTREMELY HAZARDOUS

METHODS OF DISPOSAL

GENERAL INFORMATION

POSSIBILITY OF HAZARDOUS

FINISH

STABILITY

PRIMARY ROUTE OF EXPOSURE

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.

% Weight

0.072

16.33

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.

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

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 reported in Laboratory animals from intratracheal ingestion of silicon dust. Silicon dust has little adverse effect on lungs and does not appear to produce

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.

certified individuals should perform CPR. Keep affected person warm and at rest.

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

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.

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

increase the incidence of bronchitis pneumonia and lung damage and may

Steel production sheet, coil do not pose a significant health hazardous. However when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially

7440-44-0 Carbon Chromium 7440-47-3

Chemical Composition

■ Iron	<i>7</i> 439-89-6	82.21		
Manganese	<i>7</i> 439-96-5	0.616		
Phosphorus	<i>77</i> 23-14-0	0.033		
Silicon	7440-21-3	0.315		
■ Sulphur	7704-34-9	0.0066		
■ Nickel	7440-02-0	0.171		
■ Molybdenum	<i>7</i> 439-98- <i>7</i>	0.020		
Aluminium	7429-90-5	0.036		
■ Cobalt	7440-48-4	0.031		
■ Copper	7440-50-8	0.082		
■ Niobium	7440-03-1	0.0069		
■ Titanium	7440-32-6	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		
HAZARDS IDENTIFICATION				

Molten material may cause thermal burns. **FLAMMABILITY** Not Applicable

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

hazardous fumes or dust may be generated. Needs adequate exhaust ventilation & appropriate protective equipment for workers.

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

to be acutely toxic via ingestion.

Eye, Skin contact or Inhalation

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 observable as an x-ray change.

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

NICKEL 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

very low toxicity. The hexavalent form is very toxic.

significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory effects. **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.

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,

FIRE FIGHTING MEASURES

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

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

operated in positive pressure mode.

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

Fumes may be evolved from fires involving finely divided alloy

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

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.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Store in a dry place.

dust is generated.

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

Use original container. PACKAGING MATERIAL RECOMMENDED

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS RESPIRATORY PROTECTION NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure limits are exceeded.

should be worn when welding or burning.

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

PHYSICAL & CHEMICAL PROPERTIES

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

White Powder Coated

The product is stable.

on health if properly handled.

REACTIONS

REACTIVITY AND STABILITY

SECTION 12. **ECHOLOGICAL INFORMATION** The product is practically insoluble in water. In views of its consistency and

DISPOSAL CONSIDERATIONS

TRANSPORT INFORMATION

SECTION 11. TOXICOLOGICAL INFORMATION

insolubility in water, no ecological Problems are to be expected if the product is properly handled.

Steel scrap should be recycled wherever possible Dispose of in accordance with federal, provincial, state Or local regulations.

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

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

Material is not listed as a hazardous substance for any mode of transportation. SECTION 15. REGULATORY INFORMATION

: 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

SUBSTANCES (EHSS): SECTION 16. 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.