MATERIAL SAFETY DATA SHEET

(ELEGANT)



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**

Stainless Steel - Grade 316

MANUFACTURER'S NAME

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

7440-44-0

7440-47-3

0.022

16.77 67.91

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

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

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/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.

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

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.

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

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

for several minutes and seek Prompt medical attention.

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS **Chemical Composition** CAS No. % Weight

-	Chromium	<i>7</i> 440-47-3
	Iron	<i>7</i> 439-89-6

Carbon

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	7440-50-8	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	
HAZARDS IDENTIFICATION			

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

Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion.

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

observable as an x-ray change.

Eye, Skin contact or Inhalation

& 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.

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 Parkinson's disease.

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

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 reported in Laboratory animals from intratracheal ingestion of silicon dust.

TLV. Silicon may cause chronic respiratory e ffects. **MOLYBDENUM** 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.

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

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

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

operated in positive pressure mode.

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.

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

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.

Store in a dry place.

PACKAGING MATERIAL RECOMMENDED Use original container. SECTION 8.

SECTION 6. ACCIDENTAL RELEASE MEASURES

HANDELING & STORAGE

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.

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.

7.750

No.4 or B.A

205

Solid 1375-1400 °C

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

ECHOLOGICAL INFORMATION

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

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

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

The product is practically insoluble in water. In views of its consistency and

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

Steel scrap should be recycled wherever possible

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS

SUBSTANCES (EHSS):

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.

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** Not Applicable

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

INHALATION EYE CONTACT SKIN CONTACT INGESTION

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

SECTION 3.

CHROMIUM NICKEL

SECTION 4. **EYES**

SECTION 5.

SKIN

INHALATION

PRODUCTS SPECIAL PROTECTIVE

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

SECTION 7. HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

SKIN PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS

EYE PROTECTION

PHYSICAL & CHEMICAL PROPERTIES SECTION 9. PHYSICAL STATE MELTING TEMPERATURE

DENSITY (G/CM3)

HARDNESS (HV5)

FINISH

TECHNICAL MEASURES

SECTION 10. **REACTIVITY AND STABILITY** STABILITY

REACTIONS

SECTION 12.

SECTION 13. **DISPOSAL CONSIDERATIONS**

METHODS OF DISPOSAL GENERAL INFORMATION

TRANSPORT INFORMATION

SECTION 14.

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

SECTION 16.

OTHER INFORMATION

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

MATERIAL SAFETY DATA SHEET (ELEGANT)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

INHALATION

INGESTION

IRON OXIDE

NICKEL

SECTION 4.

SECTION 5.

PRODUCTS

SECTION 8.

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

SECTION 12.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 15.

SECTION 16.

STABILITY

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

RESPIRATORY PROTECTION

SPECIAL PROTECTIVE

SPECIAL EXPOSURE HAZARDS

EYES

SKIN

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 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.

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.

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

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may

Nickel is a common contact allergen & causes some sensitization, allergic contact

adversely affect the central nervous system with symptoms resembling

Chemical Composition Carbon 7440-44-0 Silicon

■ Manganese	<i>7</i> 439-96-5	1.030
Phosphorus	7723-14-0	0.041
■ Sulphur	<i>77</i> 04-34-9	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	7440-38-2	0.003
■ Boron	7440-42-8	0.0007
■ Nitrogen	7727-37-9	0.024
■ Iron	<i>7</i> 439-89-6	71.140
HAZARDS IDENTIFICATION		

FLAMMABILITY Not Applicable

EFFECT OF SHORT TERM (ACUTE) 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

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

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.

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.

results in development of a benign pneumoconiosis, called siderosis, which is observable as an x-ray change.

MANGANESE Chronic exposure to high concentrations of manganese fumes and dusts may increase the incidence of bronchitis pneumonia and lung damage and may

Parkinson's disease. 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

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 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

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

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.

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.

welding, burning and grinding operations, if applicable exposure

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

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

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

HANDELING & STORAGE

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

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.

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 6. ACCIDENTAL RELEASE MEASURES

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

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

Store in a dry place. STORAGE REQUIREMENTS PACKAGING MATERIAL RECOMMENDED Use original container.

should be worn when welding or burning.

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

ENVIRONMENTAL EXPOSURE CONTROLS

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

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

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

Solid

7.750

REACTIVITY AND STABILITY

ECHOLOGICAL INFORMATION

1400-1450 °C

REACTIONS

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

The product is stable.

properly handled. SECTION 13. 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

TRANSPORT INFORMATION SECTION 14.

REGULATORY INFORMATION

Material is not listed as a hazardous substance for any mode of 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 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 (ELEGANT)

PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

EYE CONTACT

SKIN CONTACT

IRON OXIDE

SILICON

SECTION 4.

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SUITABLE

PRODUCTS

SECTION 7.

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

POSSIBILITY OF HAZARDOUS

FINISH

STABILITY

REACTIONS

SECTION 13.

SECTION 14.

SARA TITLE III HAZARD

EXTREMELY HAZARDOUS

METHODS OF DISPOSAL

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

EYES

SKIN

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

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

Chemical Composition

■ Iron	7439-89-6	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- <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	<i>7</i> 440-32-6	0.0039
Vanadium	7440-62-2	0.031
■ Tin	7440-31-5	0.0055
Arsenic	<i>7</i> 440-38-2	0.0021
■ Nitrogen	7727-37-9	0.028

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

HAZARDS IDENTIFICATION

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

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.

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

observable as an x-ray change. **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.

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.

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

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

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

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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

Fumes may be evolved from fires involving finely divided alloy

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

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

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

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.

for several minutes and seek Prompt medical attention.

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

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.

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

If significant amounts of metal are ingested, seek medical attention. INGESTION SECTION 5. FIRE FIGHTING MEASURES

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.

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

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.

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

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.

PACKAGING MATERIAL RECOMMENDED Use original container.

HANDELING & STORAGE

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

dust is generated.

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

175

No.4 or B.A

The product is stable.

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

SECTION 11. TOXICOLOGICAL INFORMATION

REACTIVITY AND STABILITY

ECHOLOGICAL INFORMATION SECTION 12. 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.

DISPOSAL CONSIDERATIONS

TRANSPORT INFORMATION

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

on health if properly handled.

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

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 No components are listed as extremely hazardous substances

SUBSTANCES (EHSS): 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.