MATERIAL DATA SAFETY SHEET

(MATRIX)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

FLAMMABILITY

INHALATION

INGESTION

CHROMIUM

NICKEL

SECTION 4.

INHALATION

INGESTION

SUITABLE

PRODUCTS

SECTION 7.

EYE PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

POSSIBILITY OF HAZARDOUS

REACTIONS

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SARA TITLE III SECTION 302

EXTREMELY HAZARDOUS

SECTION 14.

SECTION 15.

SECTION 5.

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

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

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

MANUFACTURER'S NAME SAKSHI INNOVATIONS PRIVATE LIMITED

COMPOSITION / INFORMATION ON INGREDIENTS

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

Chemical Composition

Iron

Manganese	7439-96-5	1.761		
Phosphorus	<i>77</i> 23-14-0	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	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				

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.

CAS No.

7439-89-6

% Weight

0.022

16.77

67.91

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

increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling

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.

workers . The main features were joint pains in the knees, hands, feet, articular

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.

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

Fumes may be evolved from fires involving finely divided alloy

welding, burning and grinding operations, if applicable exposure

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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

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

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

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

Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion. EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

Not Applicable

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**

Parkinson's disease. The alleged health hazards associated with exposure to chromium are dependent

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

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.

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

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. **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

deformities, erythema, and edema of the joint areas.

EYES : If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention. SKIN If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention.

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

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

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

HANDELING & STORAGE

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

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

should be worn when welding or burning.

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

limits are exceeded.

DENSITY (G/CM3) 7.750 HARDNESS (HV5) 205

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.

DISPOSAL CONSIDERATIONS

REGULATORY INFORMATION

TRANSPORT INFORMATION

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

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

Steel scrap should be recycled wherever possible

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.

SUBSTANCES (EHSS):

No components are listed as extremely hazardous substances

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.

STORAGE REQUIREMENTS Store in a dry place. PACKAGING MATERIAL RECOMMENDED Use original container. SECTION 8. **EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** RESPIRATORY PROTECTION NIOSH / MSHA approved dust/mist/fume respirators should be used during

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

TECHNICAL MEASURES Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

MELTING TEMPERATURE 1375-1400 °C **FINISH** No.4 or B.A

PHYSICAL & CHEMICAL PROPERTIES

Solid

SECTION 10. **REACTIVITY AND STABILITY** STABILITY The product is stable.

ECHOLOGICAL INFORMATION SECTION 12.

MATERIAL SAFETY DATA SHEET (MATRIX)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

SECTION 2.

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

INHALATION EYE CONTACT

IRON OXIDE

MANGANESE

SILICON

EYES

SKIN

INHALATION

INGESTION

SUITABLE

PRODUCTS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS

EYE PROTECTION

SKIN PROTECTION

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

SECTION 13.

SECTION 14.

SUBSTANCES (EHSS):

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

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

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

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

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/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

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

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

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

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

potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

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

Chemical Composition

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	<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	<i>7</i> 440-32-6	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
RDS IDENTIFICATION		

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

HAZA

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.

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

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE Chronic inhalation of high concentrations of metallic fumes and dusts are associated with the following conditions.

to be acutely toxic via ingestion.

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**

very low toxicity. The hexavalent form is very toxic.

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

significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory effects. **SECTION 4.** FIRST AIDS MEASURES

for several minutes and seek Prompt medical attention.

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 5.

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

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

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

welding, burning and grinding operations, if applicable exposure

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

Emissions from ventilation or work process equipment should be checked to

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

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

Store in a dry place.

limits are exceeded.

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

should be worn when welding or burning.

Skin covering working clothes, wear dust proof overalls if large quantity of dust is generated. HYGIENE MEASURES Wash all exposed skin and face thoroughly after handling products before eating,

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

REACTIVITY AND STABILITY

Solid

7.750

220

1400-1450 °C

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.

FINISH 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

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 properly handled.

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

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.

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.

SECTION 15. **REGULATORY INFORMATION**

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 (MATRIX)

(MATRIX



PRODUCT DESCRIPTION

SECTION 1.

MATERIAL IDENTIFICATION

Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides a dunamic and contemporary appearance to complement today's architectural spaces.

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)

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SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

7440-44-0

% 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.

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

Chronic exposure to high concentrations of manganese fumes and dusts may

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.

: 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

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

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

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

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,

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.

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

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

■ Chromium 7440-47-3 ■ Iron 7439-89-6

Chemical Composition

Carbon

- 11011	7439-09-0	02.21		
Manganese	<i>7</i> 439-96-5	0.616		
Phosphorus	7723-14-0	0.033		
Silicon	7440-21-3	0.315		
Sulphur	7704-34-9	0.0066		
■ Nickel	7440-02-0	0.171		
■ Molybdenum	7439-98-7	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.

& appropriate protective equipment for workers.

Dust or particles may cause irritation due to abrasion.

Eye, Skin contact or Inhalation

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

SECTION 3.

FLAMMABILITY

SKIN CONTACT

INGESTION

MANGANESE

SILICON

SECTION 4.

EYES

SKIN

INHALATION

INGESTION

SUITABLE

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

SECTION 15.

SARA TITLE III HAZARD

EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

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

EYE CONTACT : Dust or particles may cause mechanical irritation.

Not Applicable

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.

to be acutely toxic via ingestion.

increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling

Parkinson's disease.

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

NICKEL : 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.

very low toxicity. The hexavalent form is very toxic.

for several minutes and seek Prompt 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 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.

FIRST AIDS MEASURES

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

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

PRODUCTS : Fumes may be evolved from fires involving finely divided alloy

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.

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.

Use original container.

dust is generated.

EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

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

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.

should be worn when welding or burning.

ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES : Emissions from ventilation or work process equipment should be checked to

PHYSICAL & CHEMICAL PROPERTIES

REACTIVITY AND STABILITY

Solid

1425-1510 °C

DENSITY (G/CM3) : 7.750

HARDNESS (HV5) : 175

FINISH : 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

TRANSPORT INFORMATION

SECTION 11. TOXICOLOGICAL INFORMATION

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

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

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.