TECHNICAL DATA SHEET

(BAR)



PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

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.

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)

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

7440-44-0

% 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.

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

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

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

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

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

Some evidence of liver dysfunction with hyperbilirubinemia have been reported in workmen chronically exposed. In addition signs of gout have been found in factory workers. The main features were joint pains in the knees, hands, feet, articular

If 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.

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

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

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

Emissions from ventilation or work process equipment should be checked to

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

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

ensure they comply with the requirements of environmental protection legislation.

welding, burning and grinding operations, if applicable exposure

Fire Fighters should wear appropriate protective equipment and Equipment of

Fumes may be evolved from fires involving finely divided alloy

_	Chromium	7440-47-3
_	Iron	7439-89-6

Chemical Composition

Carbon

— 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	<i>7</i> 439-98-7	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

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.

Eye, Skin contact or Inhalation

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

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

SECTION 3.

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

INHALATION

MANGANESE

NICKEL

SILICON

SECTION 4.

INHALATION

SECTION 5.

PRODUCTS

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

CATEGORIZATION

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

EYE CONTACT SKIN CONTACT HAZARDS IDENTIFICATION

INGESTION : 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.

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

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.

deformities, erythema, and edema of the joint areas.

reported in Laboratory animals from intratracheal ingestion of silicon dust.

Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory e ffects.

MOLYBDENUM: Based on animal experiments, molybdenum and its compounds are highly toxic.

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.

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

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

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

Store in a dry place.

Use original container.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

SECTION 6. ACCIDENTAL RELEASE MEASURES

HANDELING & STORAGE

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

limits are exceeded.

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

DENSITY (G/CM3) : 7.750

HARDNESS (HV5) : 205

FINISH : White Powder Coated

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

DISPOSAL CONSIDERATIONS

TRANSPORT INFORMATION

REACTIVITY AND STABILITY

PHYSICAL & CHEMICAL PROPERTIES

Solid

1375-1400 ℃

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.

Steel scrap should be recycled wherever possible

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

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

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

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

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

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.

MATERIAL SAFETY DATA SHEET (BAR)



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 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

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	<i>7</i> 439-98- <i>7</i>	0.240
Nickel	7440-02-0	8.240
Aluminium	7429-90-5	0.0034
■ Cobalt	7440-48-4	0.220
■ Copper	7440-50-8	0.360
Niobium	7440-03-1	0.0079
■ Titanium	7440-32-6	0.004
■ Venadium	7440-62-2	0.006
Tungsten	7440-33-7	0.021
■ Tin	<i>7</i> 440-31-5	0.008
Arsenic	7440-38-2	0.003
■ Boron	7440-42-8	0.0007
■ Nitrogen	7727-37-9	0.024
■ Iron	<i>7</i> 439-89-6	71.140
HAZARDS IDENTIFICATION		

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

PRIMARY ROUTE OF EXPOSURE **ROUTE OF EXPOSURE**

EMERGENCY OVERVIEW

SECTION 3.

SECTION 2.

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

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

% Weight

0.065

0.330

INHALATION

INGESTION

EYE CONTACT SKIN CONTACT & appropriate protective equipment for workers.

associated with the following conditions.

observable as an x-ray change.

Parkinson's disease.

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

Fumes & dust may be irritating to respiratory system. Dust or particles may cause mechanical irritation. Dust or particles may cause irritation due to abrasion. Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion.

IRON OXIDE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

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

CHROMIUM

MANGANESE

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 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

The alleged health hazards associated with exposure to chromium are dependent

SECTION 4.

SILICON

NICKEL

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.

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.

for several minutes and seek Prompt medical attention.

SKIN

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

INHALATION

EYES

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.

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

INGESTION

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

SPECIAL EXPOSURE HAZARDS

PRODUCTS

SUITABLE

SECTION 5.

EXTINGUISHER MEDIA

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

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

Fumes may be evolved from fires involving finely divided alloy

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

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

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

SECTION 7.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

PACKAGING MATERIAL RECOMMENDED

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

glasses or goggles should be worn **HANDELING & STORAGE** 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

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

SECTION 8. **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.

dust is generated.

Solid

7.750

220

1400-1450 °C

White Powder Coated

should be worn when welding or burning.

Store in a dry place.

Use original container.

TECHNICAL MEASURES

ENVIRONMENTAL EXPOSURE CONTROLS

equipment will be necessary to reduce emissions to acceptable levels. **PHYSICAL & CHEMICAL PROPERTIES**

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

DENSITY (G/CM3) HARDNESS (HV5) **FINISH**

POSSIBILITY OF HAZARDOUS

MELTING TEMPERATURE

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

REACTIONS

SECTION 12.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 15.

REACTIVITY AND STABILITY The product is stable.

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

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

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

ECHOLOGICAL INFORMATION

Steel scrap should be recycled wherever possible

on health if properly handled.

properly handled.

SECTION 13. **DISPOSAL CONSIDERATIONS**

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

SECTION 14. TRANSPORT INFORMATION

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

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

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 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

(BAR)



PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3

EMERGENCY OVERVIEW

ROUTE OF EXPOSURE

INHALATION

IRON OXIDE

SILICON

EYES

SKIN

SECTION 5.

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

SECTION 13.

SECTION 15.

METHODS OF DISPOSAL

FINISH

HANDLING PRECAUTIONS

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

adversely affect the central nervous system with symptoms resembling

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

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.

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.

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,

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

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

Chemical Composition

■ Iron	7439-89-6	82.21
■ Manganese	7439-96-5	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	<i>7</i> 440-31-5	0.0055
■ Arsenic	7440-38-2	0.0021
■ Nitrogen	7727-37-9	0.028

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

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 & appropriate protective equipment for workers. EFFECT OF SHORT TERM (ACUTE) EXPOSURE

Eye, Skin contact or 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.

Fumes & dust may be irritating to respiratory system.

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

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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.

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

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

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. **SECTION 4.** FIRST AIDS MEASURES

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,

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

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

operated in positive pressure mode.

glasses or goggles should be worn

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

PRODUCTS Fumes may be evolved from fires involving finely divided alloy

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

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

HANDELING & STORAGE

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 8. 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

should be worn when welding or burning.

limits are exceeded.

dust is generated.

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

PHYSICAL & CHEMICAL PROPERTIES

REACTIVITY AND STABILITY

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

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

on health if properly handled.

White Powder Coated

SECTION 12. **ECHOLOGICAL INFORMATION**

SECTION 11. TOXICOLOGICAL INFORMATION

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

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

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

Dispose of in accordance with federal, provincial, state Or local regulations. GENERAL INFORMATION **SECTION 14.** TRANSPORT 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 : Product (Dust and Fume) is categorized as an immediate (acute) health hazard CATEGORIZATION and a delayed (chronic) Health hazard is defined by 40 CFR 370.

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

REGULATORY INFORMATION

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.