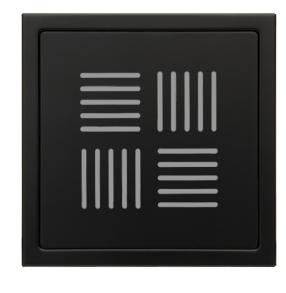
## MATERIAL SAFETY DATA SHEET

(MATRIX)



## 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.

**MATERIAL USED** 

Stainless Steel - Grade 316

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

## MANUFACTURER'S NAME

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

7440-44-0

7440-47-3

*7*439-89-6

7439-96-5

0.022

16.77

67.91

1.761

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

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

increase the incidence of bronchitis pneumonia and lung damage and 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

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

If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention.

If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped,

: 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

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

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

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

welding, burning and grinding operations, if applicable exposure

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

	-	
	Aluminium	7429

Carbon

Chromium

Iron

Manganese

	Phosphorus	<i>77</i> 23-14-0	0.039	
	Silicon	7440-21-3	0.359	
	Sulphur	<i>77</i> 04-34-9	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	<i>7</i> 440-32-6	0.0060	
	Vanadium	7440-62-2	0.069	
	Tungsten	7440-33-7	0.014	
	Tin	7440-31-5	0.012	
	Arsenic	<i>7</i> 440-38-2	0.0075	
	Nitrogen	<i>7727-37-</i> 9	0.066	
ZARDS	IDENTIFICATION			
/	: Welding, brazing	g, cutting, grinding	and machining of this	material may liberate

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.

#### **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

SECTION 3.

**FLAMMABILITY** 

INHALATION

INGESTION

**MANGANESE** 

SILICON

**MOLYBDENUM** 

SKIN

INHALATION

SECTION 5.

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

EYE PROTECTION

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

POSSIBILITY OF HAZARDOUS

**FINISH** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

SECTION 15.

SARA TITLE III HAZARD

**CATEGORIZATION** 

METHODS OF DISPOSAL

GENERAL INFORMATION

RESPIRATORY PROTECTION

EYE CONTACT SKIN CONTACT

EMERGENCY OVERVIEW

PRIMARY ROUTE OF EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE Chronic inhalation of high concentrations of metallic fumes and dusts are

Not Applicable

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.

adversely affect the central nervous system with symptoms resembling 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.

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.

deformities, erythema, and edema of the joint areas.

FIRST AIDS MEASURES SECTION 4. **EYES** : If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.

#### certified individuals should perform CPR. Keep affected person warm and at rest. INGESTION If significant amounts of metal are ingested, seek medical attention.

FIRE FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

EXTINGUISHER MEDIA : In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>. **SUITABLE** 

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

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.

Minimal problems with spills of this product would be expected to occur because of its solid form. Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis.

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

Store in a dry place.

Use original container.

limits are exceeded.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn

### should be worn when welding or burning. SKIN PROTECTION Skin covering working clothes, wear dust proof overalls if large quantity of

PACKAGING MATERIAL RECOMMENDED

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. **ENVIRONMENTAL EXPOSURE CONTROLS** 

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

Solid

**MELTING TEMPERATURE** *1375-1400* ℃ DENSITY (G/CM3) 7.750 HARDNESS (HV5) 205

Black 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.

### 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.

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

Steel scrap should be recycled wherever possible

**REGULATORY INFORMATION** 

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

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

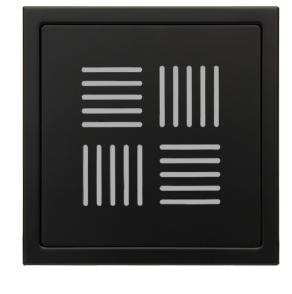
SUBSTANCES (EHSS): OTHER INFORMATION **SECTION 16.** 

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.

The information provided herein is Compiled by Sakshi to be accurate from sources believed to be reliable, but it

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

## MATERIAL SAFETY DATA SHEET (MATRIX)



## PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

SILICON

**SECTION 4.** 

**EYES** 

SKIN

INHALATION

SECTION 5.

SECTION 7.

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

PHYSICAL STATE

**SECTION 10.** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

SECTION 14.

CATEGORIZATION

SUBSTANCES (EHSS):

SECTION 16.

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

COLOUR

**ENVIRONMENTAL EXPOSURE CONTROLS** 

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

## 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

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

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

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

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

#### 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			
<b>■</b> Sulphur	7704-34-9	0.006			
Chromium	7440-47-3	18.250			
■ Molybdenum	<i>7</i> 439-98-7	0.240			
■ Nickel	7440-02-0	8.240			
Aluminium	<i>7</i> 429-90-5	0.0034			
<b>■</b> Cobalt	7440-48-4	0.220			
Copper	<i>7</i> 440-50-8	0.360			
■ Niobium	7440-03-1	0.0079			
<b>■</b> Titanium	<i>7</i> 440-32-6	0.004			
<b>■</b> Venadium	7440-62-2	0.006			
■ Tungsten	7440-33-7	0.021			
<b>■</b> Tin	7440-31-5	0.008			
Arsenic	<i>7</i> 440-38-2	0.003			
Boron	7440-42-8	0.0007			
■ Nitrogen	7727-37-9	0.024			
■ Iron	<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 LONG-TERM (CHRONIC) EXPOSURE

HAZA

& 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

Molten material may cause thermal burns.

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

observable as an x-ray change.

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

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

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** Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory

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 for several minutes and seek Prompt medical attention. If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention.

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

In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>.

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.

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

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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

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

welding, burning and grinding operations, if applicable exposure

### 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. INGESTION

**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.

operated in positive pressure mode.

Fumes may be evolved from fires involving finely divided alloy **PRODUCTS** SPECIAL PROTECTIVE 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. 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

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

Store in a dry place.

limits are exceeded.

dust is generated.

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

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

Solid

Black Matte

1400-1450 °C

DENSITY (G/CM3) 7.750 HARDNESS (HV5) 220 **FINISH** Powder Coated

The product is stable.

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

**ECHOLOGICAL INFORMATION** 

**REACTIVITY AND STABILITY** 

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

properly handled. **DISPOSAL CONSIDERATIONS** 

#### 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.

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

The product is practically insoluble in water. In views of its consistency and insolubility in water, no ecological Problems are to be expected if the product is

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

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

(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)

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. 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

In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>.

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

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	7439-69-0	02.21			
Manganese	<i>7</i> 439-96-5	0.616			
Phosphorus	7723-14-0	0.033			
■ Silicon	7440-21-3	0.315			
Sulphur	<i>7704-34-9</i>	0.0066			
Nickel	7440-02-0	0.171			
Molybdenum	<i>7</i> 439-98-7	0.020			
Aluminium	<i>7</i> 429-90-5	0.036			
■ Cobalt	7440-48-4	0.031			
Copper	<i>7</i> 440-50-8	0.082			
■ Niobium	7440-03-1	0.0069			
<b>■</b> Titanium	7440-32-6	0.0039			
Vanadium	7440-62-2	0.031			
<b>■</b> Tin	<i>7</i> 440-31-5	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.

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

SECTION 3.

**FLAMMABILITY** 

**INGESTION** 

MANGANESE

SILICON

**EYES** 

SKIN

INHALATION

INGESTION

**SUITABLE** 

**EXTINGUISHER MEDIA** 

SPECIAL PROTECTIVE

SECTION 7.

EYE PROTECTION

SKIN PROTECTION

TECHNICAL MEASURES

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

DENSITY (G/CM3)

HARDNESS (HV5)

SECTION 10.

**REACTIONS** 

SECTION 13.

**SECTION 14.** 

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

**FINISH** 

SPECIAL EXPOSURE HAZARDS

**EMERGENCY OVERVIEW** 

 INHALATION
 : 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.

Not Applicable

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 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.

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.

SECTION 5. FIRE FIGHTING MEASURES

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.

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.

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

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

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

**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

should be worn when welding or burning.

welding, burning and grinding operations, if applicable exposure

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.

equipment will be necessary to reduce emissions to acceptable levels.

Use original container.

limits are exceeded.

dust is generated.

## 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.

PHYSICAL STATE : Solid

1400-1450 °C

Black Powder Coated

7.750

220

STABILITY : The product is stable.

SECTION 11. TOXICOLOGICAL INFORMATION

**REACTIVITY AND STABILITY** 

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

SECTION 12. ECHOLOGICAL INFORMATION

# 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
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. SECTION 15. REGULATORY INFORMATION

MATION

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

# SARA TITLE III HAZARD : Product (Dust and Fume) is categorized as an immediate (acute) 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

OTHER INFORMATION

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.

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