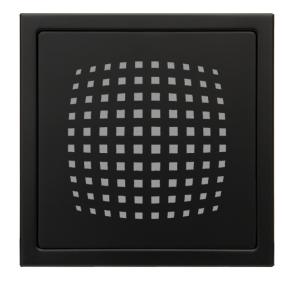
# MATERIAL SAFETY DATA SHEET

(PIXEL)



### 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

### 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 Chemical Composition CAS No. % Weight

7440-44-0

7440-47-3

*7*439-89-6

7439-96-5

7723-14-0

0.022

16.77

67.91

1.761

0.039

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

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

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

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 reported in Laboratory animals from intratracheal ingestion of silicon dust.

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

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

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

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

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

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

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

welding, burning and grinding operations, if applicable exposure

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

	Nickel	7440-02-0
	Nickel	7440-02-0

Carbon

Chromium

Iron

Manganese

Phosphorus

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	
<b>■</b> Cobalt	7440-48-4	0.21	
copper	7440-50-8	0.403	
■ Niobium	7440-03-1	0.019	
<b>■</b> 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	7440-38-2	0.0075	
■ Nitrogen	7727-37-9	0.066	
ZARDS IDENTIFICATION			
	_		

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Fumes & dust may be irritating to respiratory system.

#### **ROUTE OF EXPOSURE** Eye, Skin contact or Inhalation

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

SECTION 3.

**FLAMMABILITY** 

INHALATION

**MANGANESE** 

NICKEL

SILICON

INHALATION

SECTION 5.

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

SKIN PROTECTION

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

SECTION 12.

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

SECTION 15.

SARA TITLE III HAZARD

**CATEGORIZATION** 

**FINISH** 

RESPIRATORY PROTECTION

EMERGENCY OVERVIEW

PRIMARY ROUTE OF EXPOSURE

Dust or particles may cause mechanical irritation. EYE CONTACT SKIN CONTACT Dust or particles may cause irritation due to abrasion. INGESTION Not anticipated under normal circumstances. As such this material is not expected

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.

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.

very low toxicity. The hexavalent form is very toxic.

deformities, erythema, and edema of the joint areas.

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.

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. SKIN If dust gets on skin wash contaminated area with mild soap and water. Remove

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

FIRE FIGHTING 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.

SECTION 6. ACCIDENTAL RELEASE MEASURES 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

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

**ENVIRONMENTAL EXPOSURE CONTROLS** 

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.

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

205

Solid PHYSICAL STATE MELTING TEMPERATURE *1375-1400* ℃ DENSITY (G/CM3) 7.750

Black Powder Coated

STABILITY The product is stable. POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will Not Occur. **REACTIONS** SECTION 11. TOXICOLOGICAL INFORMATION

properly handled.

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

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

TRANSPORT INFORMATION

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

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

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

**REGULATORY INFORMATION** 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 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 (PIXEL)



### PRODUCT DESCRIPTION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

**IRON OXIDE** 

**CHROMIUM** 

SILICON

**SECTION 4.** 

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

**SUITABLE** 

**PRODUCTS** 

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

COLOUR

STABILITY

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

**SECTION 14.** 

GENERAL INFORMATION

PACKAGING MATERIAL RECOMMENDED

**EYES** 

SKIN

**EMERGENCY OVERVIEW** 

**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 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

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

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

increase the incidence of bronchitis pneumonia and lung damage and may

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

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

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 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

Fumes may be evolved from fires involving finely divided alloy

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

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.

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

#### 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
<b>■</b> 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	7440-32-6	0.004
■ 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
HAZARDS IDENTIFICATION		

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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

Not Applicable

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.

Fumes & dust may be irritating to respiratory system.

Eye, Skin contact or Inhalation

observable as an x-ray change. **MANGANESE** Chronic exposure to high concentrations of manganese fumes and dusts may

adversely affect the central nervous system with symptoms resembling Parkinson's disease.

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

causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust. Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory effects.

for several minutes and seek Prompt medical attention.

#### INHALATION If inhalation of dust / fumes occurs, immediately remove victim from the adverse 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 FIRE FIGHTING MEASURES **SECTION 5.** 

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

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.

Use original container.

limits are exceeded.

dust is generated.

#### **EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** SECTION 8. NIOSH / MSHA approved dust/mist/fume respirators should be used during RESPIRATORY PROTECTION welding, burning and grinding operations, if applicable exposure

should be worn when welding or burning.

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

Solid

7.750

220

Black Matte

1400-1450 °C

**FINISH** Powder Coated **REACTIVITY AND STABILITY SECTION 10.** 

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** 

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

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.

### METHODS OF DISPOSAL Steel scrap should be recycled wherever possible

TRANSPORT INFORMATION

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

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

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

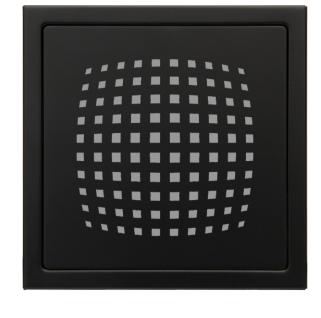
Product (Dust and Fume) is categorized as an immediate (acute) health hazard **CATEGORIZATION** and a delayed (chronic) Health hazard is defined by 40 CFR 370.

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

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 (PIXEL)



## PRODUCT DESCRIPTION

**SECTION 1.** 

SECTION 2.

SECTION 3.

**FLAMMABILITY** 

EYE CONTACT

IRON OXIDE

SILICON

SKIN

INHALATION

INGESTION

**SUITABLE** 

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

**FINISH** 

STABILITY

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

**EMERGENCY OVERVIEW** 

**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.

7440-44-0

7440-47-3

% 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.

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 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

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 significant organic disease or toxic effects when exposures are kept under the

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

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

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

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,

In some cases, fume scrubbers, filters or engineering modifications to the process

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

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

# Chromium

Chemical Composition

Carbon

■ 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	7704-34-9	0.0066	
Nickel	7440-02-0	0.171	
Molybdenum	7439-98-7	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	
<b>■</b> Niobium	7440-03-1	0.0069	
<b>■</b> Titanium	7440-32-6	0.0039	
■ Vanadium	7440-62-2	0.031	
<b>■</b> Tin	7440-31-5	0.0055	
Arsenic	7440-38-2	0.0021	
■ Nitrogen	7727-37-9	0.028	

Molten material may cause thermal burns.

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

HAZARDS IDENTIFICATION

& appropriate protective equipment for workers. EFFECT OF SHORT TERM (ACUTE) EXPOSURE Fumes & dust may be irritating to respiratory system. INHALATION

Eye, Skin contact or Inhalation

Not Applicable

SKIN CONTACT Dust or particles may cause irritation due to abrasion. 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

associated with the following conditions.

Dust or particles may cause mechanical irritation.

**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. The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM** 

observable as an x-ray change.

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.

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

### 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 6. ACCIDENTAL RELEASE MEASURES

SECTION 5. FIRE FIGHTING MEASURES **EXTINGUISHER MEDIA** In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>.

**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

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.

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

Store in a dry place.

Use original container.

dust is generated.

#### 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.

should be worn when welding or burning.

#### ENVIRONMENTAL EXPOSURE CONTROLS TECHNICAL MEASURES Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

**PHYSICAL & CHEMICAL PROPERTIES** 

Solid

7.750

220

1400-1450 °C

**REACTIVITY AND STABILITY** SECTION 10.

Black Powder Coated

The product is stable.

properly handled.

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

**ECHOLOGICAL INFORMATION** 

SECTION 11. TOXICOLOGICAL INFORMATION

**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.**

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

#### SARA TITLE III HAZARD 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 **EXTREMELY HAZARDOUS** 

OTHER INFORMATION

SUBSTANCES (EHSS):

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.