# MATERIAL DATA SAFETY SHEET

(FIZZ)



# PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

**Titanium** 

Vanadium

**Tungsten** Tin

Nitrogen

HAZARDS IDENTIFICATION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

INGESTION

**IRON OXIDE** 

SILICON

**MOLYBDENUM** 

SKIN

INHALATION

SECTION 5.

SECTION 7.

SECTION 8.

SKIN PROTECTION

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

SECTION 13.

METHODS OF DISPOSAL

SARA TITLE III HAZARD

**FINISH** 

RESPIRATORY PROTECTION

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

EYE CONTACT

SKIN CONTACT

EMERGENCY OVERVIEW

#### 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)

# **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

7440-21-3

7704-34-9

7440-02-0

7439-98-7

7429-90-5

7440-48-4

7440-50-8

7440-03-1

7440-32-6

7440-62-2

7440-33-7

7440-31-5

7440-38-2

7727-37-9

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Dust or particles may cause mechanical irritation.

Fumes & dust may be irritating to respiratory system.

Dust or particles may cause irritation due to abrasion.

0.022

16.77

67.91

1.761

0.039

0.359

0.0055

10.24

2.074

0.013

0.21

0.403

0.019

0.0060

0.069

0.014

0.012

0.0075

0.066

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

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

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

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

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

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

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

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 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

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

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

_		
_	Arsenic	

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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

Not Applicable

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

results in development of a benign pneumoconiosis, called siderosis, which is observable as an x-ray change. Chronic exposure to high concentrations of manganese fumes and dusts may **MANGANESE** 

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 very low toxicity. The hexavalent form is very toxic. Nickel is a common contact allergen & causes some sensitization, allergic contact 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

TLV. Silicon may cause chronic respiratory e ffects.

deformities, erythema, and edema of the joint areas.

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.

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

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.

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

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

#### 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.

Solid PHYSICAL STATE MELTING TEMPERATURE 1375-1400 °C DENSITY (G/CM3) 7.750

on health if properly handled.

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.

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

205

No.4 or B.A

# **ECHOLOGICAL INFORMATION** SECTION 12.

**DISPOSAL CONSIDERATIONS** 

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

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

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

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

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

### GENERAL INFORMATION TRANSPORT INFORMATION SECTION 14.

SECTION 15. **REGULATORY INFORMATION** 

**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

(FIZZ)



# PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

INHALATION EYE CONTACT

**IRON OXIDE** 

**CHROMIUM** 

**SECTION 4.** 

**EYES** 

SKIN

INHALATION

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

**SUITABLE** 

PRODUCTS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

SECTION 8.

EYE PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

**FINISH** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

**SECTION 14.** 

SUBSTANCES (EHSS):

METHODS OF DISPOSAL

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

#### 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.

7439-96-5

% Weight

0.065

0.330

1.030

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

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

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

The alleged health hazards associated with exposure to chromium are dependent

dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its

Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the

If dust 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

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

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

Emissions from ventilation or work process equipment should be checked to

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

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

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

Manganese

Chemical Composition

rianganese	7407 70 0	1.000			
Phosphorus	7723-14-0	0.041			
<b>■</b> 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			
<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	7440-32-6	0.004			
■ Venadium	7440-62-2	0.006			
Tungsten	7440-33-7	0.021			
<b>■</b> Tin	<i>7</i> 440-31-5	0.008			
Arsenic	<i>7</i> 440-38-2	0.003			
■ Boron	7440-42-8	0.0007			
■ Nitrogen	7727-37-9	0.024			
■ Iron	7439-89-6	71.140			
ARDS IDENTIFICATION					

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

HAZA

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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

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.

**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.

observable as an x-ray change.

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

compounds have been reported to cause cancer of the lungs and sinuses. Elementary silicon is an inert material which appears to lack the property of SILICON causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust.

TLV. Silicon may cause chronic respiratory effects.

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

## 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 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.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Store in a dry place.

Use original container.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

should be worn when welding or burning.

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

**ENVIRONMENTAL EXPOSURE CONTROLS** 

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.

**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

TRANSPORT INFORMATION

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Solid

7.750

220

1400-1450 °C

No.4 or B.A

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

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

# GENERAL 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.

### 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

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

(FIZZ)



## PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

**FLAMMABILITY** 

EYE CONTACT

SKIN CONTACT

IRON OXIDE

**MANGANESE** 

SILICON

SKIN

INHALATION

INGESTION

**SUITABLE** 

**PRODUCTS** 

SPECIAL PROTECTIVE

SECTION 7.

RESPIRATORY PROTECTION

EYE PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

**FINISH** 

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

ENVIRONMENTAL EXPOSURE CONTROLS

**EXTINGUISHER MEDIA** 

SPECIAL EXPOSURE HAZARDS

**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

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

compounds have been reported to cause cancer of the lungs and sinuses. Elementary silicon is an inert material which appears to lack the property of

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

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

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

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

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

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

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

welding, burning and grinding operations, if applicable exposure

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

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

#### Chromium Iron 7439-89-6 7439-96-5

Chemical Composition

Carbon

Manganese	<i>7</i> 439-96-5	0.616			
Phosphorus	7723-14-0	0.033			
Silicon	7440-21-3	0.315			
Sulphur	<i>7</i> 704-34-9	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	7440-50-8	0.082			
■ Niobium	7440-03-1	0.0069			
<b>■</b> Titanium	<i>7</i> 440-32-6	0.0039			
■ Vanadium	7440-62-2	0.031			
<b>■</b> Tin	7440-31-5	0.0055			
Arsenic	<i>7</i> 440-38-2	0.0021			
■ Nitrogen	7727-37-9	0.028			
RDS IDENTIFICATION					

Molten material may cause thermal burns.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

Eye, Skin contact or Inhalation

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

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

Not Applicable

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

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

associated with the following conditions.

adversely affect the central nervous system with symptoms resembling Parkinson's disease. The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM** 

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

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 5. FIRE FIGHTING MEASURES

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

operated in positive pressure mode.

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

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

Fumes may be evolved from fires involving finely divided alloy

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.

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

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

should be worn when welding or burning.

limits are exceeded.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

equipment will be necessary to reduce emissions to acceptable levels. **PHYSICAL & CHEMICAL PROPERTIES** SECTION 9.

Solid

7.750

175

1425-1510 °C

No.4 or B.A

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

# on health if properly handled.

**ECHOLOGICAL INFORMATION** 

SECTION 11. TOXICOLOGICAL INFORMATION

properly handled. **DISPOSAL CONSIDERATIONS** 

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

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

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

# TRANSPORT INFORMATION **SECTION 14.**

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

Steel scrap should be recycled wherever possible

#### 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

OTHER INFORMATION

**EXTREMELY HAZARDOUS** 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.