# MATERIAL SAFETY DATA SHEET

(NEXUS)



# PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

Titanium

Vanadium

Tungsten Tin

Arsenic

Alitrana

**HAZARDS IDENTIFICATION** 

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

INGESTION

**CHROMIUM** 

**MOLYBDENUM** 

INHALATION

INGESTION

**SUITABLE** 

**PRODUCTS** 

SECTION 7.

EYE PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

SARA TITLE III HAZARD

**CATEGORIZATION** 

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

HAZARDOUS COMBUSTION

NICKEL

EYE CONTACT

SKIN CONTACT

EMERGENCY OVERVIEW

**ROUTE OF EXPOSURE** 

PRIMARY ROUTE OF EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

MATERIAL USED

Stainless Steel - Grade 316

# 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.

Fumes & dust may be irritating to respiratory system.

Dust or particles may cause irritation due to abrasion.

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory e ffects.

deformities, erythema, and edema of the joint areas.

Dust or particles may cause mechanical irritation.

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.

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

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

The alleged health hazards associated with exposure to chromium are dependent

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

dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory

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

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

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.

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.

welding, burning and grinding operations, if applicable exposure

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

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

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.

Fumes may be evolved from fires involving finely divided alloy

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

Nitrogen		

	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	

to be acutely toxic via ingestion.

associated with the following conditions.

Eye, Skin contact or Inhalation

Not Applicable

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

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

observable as an x-ray change.

Parkinson's disease.

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: 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.

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

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

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.

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

operated in positive pressure mode.

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.

limits are exceeded.

PACKAGING MATERIAL RECOMMENDED : Use original container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

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

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

**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.

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

 DENSITY (G/CM3)
 : 7.750

 HARDNESS (HV5)
 : 205

 FINISH
 : 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.

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

**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.

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

Steel scrap should be recycled wherever possible

# Material is not listed as a hazardous substance for any mode of transportation. SECTION 15. REGULATORY INFORMATION

REGULATORY INFORMATION

ARD : 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):

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 (NEXUS)



# PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

INGESTION

**IRON OXIDE** 

**CHROMIUM** 

**SECTION 4.** 

**EYES** 

SKIN

INHALATION

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SECTION 8.

HYGIENE MEASURES

TECHNICAL MEASURES

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

CATEGORIZATION

SUBSTANCES (EHSS):

DENSITY (G/CM3)

**SECTION 10.** 

STABILITY

**REACTIONS** 

COLOUR

PACKAGING MATERIAL RECOMMENDED

**SUITABLE** 

**PRODUCTS** 

**EMERGENCY OVERVIEW** 

ROUTE OF EXPOSURE

# Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. **MATERIAL USED** 

Stainless Steel - Grade 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. **Chemical Composition** % Weight

7440-44-0

7439-96-5

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

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

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

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

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

### Carbon 7440-21-3 Silicon Manganese

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Phosphorus	7723-14-0	0.041
■ Sulphur	7704-34-9	0.006
Chromium	7440-47-3	18.250
■ Molybdenum	7439-98-7	0.240
■ Nickel	7440-02-0	8.240
Aluminium	<i>7</i> 429-90-5	0.0034
<b>■</b> Cobalt	7440-48-4	0.220
Copper	7440-50-8	0.360
■ Niobium	7440-03-1	0.0079
<b>■</b> Titanium	7440-32-6	0.004
<b>■</b> Venadium	7440-62-2	0.006
<b>■</b> Tungsten	7440-33-7	0.021
<b>■</b> Tin	7440-31-5	0.008
Arsenic	7440-38-2	0.003
■ Boron	7440-42-8	0.0007
■ Nitrogen	7727-37-9	0.024
■ Iron	<i>7</i> 439-89-6	71.140
HAZARDS IDENTIFICATION		

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

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 & appropriate protective equipment for workers.

Eye, Skin contact or Inhalation

Molten material may cause thermal burns.

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

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.

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

Fumes & dust may be irritating to respiratory system.

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 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. 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 should wear appropriate protective equipment and Equipment of

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

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.

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

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

welding, burning and grinding operations, if applicable exposure

Fumes may be evolved from fires involving finely divided alloy

## 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 SECTION 5. FIRE FIGHTING MEASURES

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.

**HANDELING & STORAGE** SECTION 7.

Store in a dry place.

Use original container.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

### limits are exceeded. EYE PROTECTION Safety glasses should always be worn when grinding or cutting. Face shields

**ENVIRONMENTAL EXPOSURE CONTROLS** 

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

should be worn when welding or burning.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES PHYSICAL STATE Solid

HARDNESS (HV5) 220 **FINISH** Powder Coated

The product is stable.

Black Matte

1400-1450 °C

7.750

**REACTIVITY AND STABILITY** 

According to our experience and information the product has no harmful effects on health if properly handled. SECTION 12. **ECHOLOGICAL INFORMATION** 

properly handled.

# SECTION 13. DISPOSAL CONSIDERATIONS

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.

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

# SECTION 15. **REGULATORY INFORMATION**

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

Steel scrap should be recycled wherever possible

### 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

(NEXUS)



## PRODUCT DESCRIPTION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

IRON OXIDE

**CHROMIUM** 

SILICON

SKIN

INHALATION

**SUITABLE** 

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

STABILITY

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

**SECTION 14.** 

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

**EMERGENCY OVERVIEW** 

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.

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.

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

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

Chemical Composition

Carbon

■ Mang	anese	<i>7</i> 439-96-5	0.616
■ Phosp	phorus	7723-14-0	0.033
■ Sili	con	7440-21-3	0.315
<b>■</b> Sulp	ohur	7704-34-9	0.0066
■ Nic	ckel	7440-02-0	0.171
<b>■</b> Molyb	denum	7439-98-7	0.020
<b>■</b> Alum	inium	7429-90-5	0.036
■ Co	balt	7440-48-4	0.031
<b>■</b> Cop	pper	7440-50-8	0.082
■ Niok	oium	7440-03-1	0.0069
<b>■</b> Tita	nium	7440-32-6	0.0039
■ Vano	ıdium	7440-62-2	0.031
<b>■</b> T	in	7440-31-5	0.0055
■ Arse	enic	7440-38-2	0.0021
■ Nitro	ogen	7727-37-9	0.028
HAZARDS IDENT	IFICATION		

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

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

Not Applicable

EYE CONTACT Dust or particles may cause mechanical irritation. 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.

observable as an x-ray change.

Fumes & dust may be irritating to respiratory system.

Molten material may cause thermal burns.

MANGANESE Chronic exposure to high concentrations of manganese fumes and dusts may 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 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 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

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

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.

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

equipment will be necessary to reduce emissions to acceptable levels.

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

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

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

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.

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

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>.

HAZARDOUS COMBUSTION Not applicable for solid form alloy. Toxic metal and metallic Oxide. **PRODUCTS** Fumes may be evolved from fires involving finely divided alloy

operated in positive pressure mode.

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

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

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

Store in a dry place.

Use original container.

limits are exceeded.

dust is generated.

SECTION 7. **HANDELING & STORAGE** 

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.

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

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

Solid

7.750

1400-1450 °C

HARDNESS (HV5) 220 **FINISH** Black 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** 

TRANSPORT INFORMATION

SECTION 11. TOXICOLOGICAL INFORMATION

**DISPOSAL CONSIDERATIONS** 

Steel scrap should be recycled wherever possible

properly handled.

# 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

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

### SARA TITLE III HAZARD and a delayed (chronic) Health hazard is defined by 40 CFR 370. CATEGORIZATION

SARA TITLE III SECTION 302

OTHER INFORMATION

No components are listed as extremely hazardous substances **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.