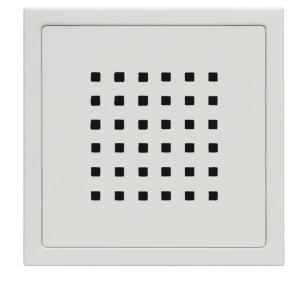
### MATERIAL SAFETY DATA SHEET

(ELITE)



### PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

Titanium

Vanadium

**Tungsten** 

Tin

HAZARDS IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

**CHROMIUM** 

NICKEL

**MOLYBDENUM** 

SKIN

INHALATION

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

**SUITABLE** 

**PRODUCTS** 

SECTION 7.

SECTION 8.

EYE PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

STABILITY

**REACTIONS** 

SECTION 11.

SECTION 12.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 15.

SUBSTANCES (EHSS):

SECTION 16.

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

RESPIRATORY PROTECTION

PACKAGING MATERIAL RECOMMENDED

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 mechanical irritation.

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.

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.

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

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

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

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

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

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.

Emissions from ventilation or work process equipment should be checked to

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

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

welding, burning and grinding operations, if applicable exposure

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

	Arsenic
	Nitrogen

	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 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.

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.

SECTION 4. 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.

## INGESTION : If significant amounts of metal are ingested, seek medical attention. SECTION 5. FIRE FIGHTING MEASURES

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

Use original container.

limits are exceeded.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

STORAGE REQUIREMENTS : Store in a dry place.

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

**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.

HARDNESS (HV5) : 205

FINISH : White Powder Coated

The product is stable.

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

**REACTIVITY AND STABILITY** 

TOXICOLOGICAL INFORMATION

**ECHOLOGICAL INFORMATION** 

**PHYSICAL & CHEMICAL PROPERTIES** 

Solid

7.750

*1375-1400* ℃

SECTION 13. DISPOSAL CONSIDERATIONS

Steel scrap should be recycled wherever possible

properly handled.

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

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

OTHER INFORMATION

**REGULATORY INFORMATION** 

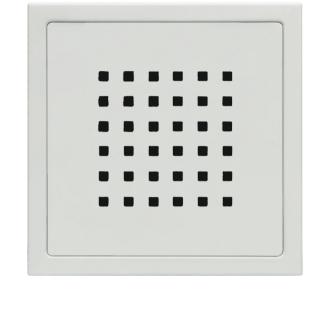
SARA TITLE III SECTION 302 : No components are listed as extremely hazardous substances EXTREMELY HAZARDOUS

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 (ELITE)

(ELII



### PRODUCT DESCRIPTION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

EYE CONTACT

SKIN CONTACT

**INGESTION** 

SILICON

**SECTION 4.** 

SECTION 5.

**SUITABLE** 

PRODUCTS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

**SECTION 10.** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

SECTION 14.

SECTION 15.

SARA TITLE III HAZARD

METHODS OF DISPOSAL

GENERAL INFORMATION

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

**ENVIRONMENTAL EXPOSURE CONTROLS** 

EXTINGUISHER MEDIA

SPECIAL EXPOSURE HAZARDS

**EYES** 

SKIN

**EMERGENCY OVERVIEW** 

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

Chemical Composition 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

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

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

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

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

Emissions from ventilation or work process equipment should be checked to

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

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

ensure they comply with the requirements of environmental protection legislation.

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

Manganese	<i>7</i> 439-96-5	1.030
Phosphorus	7723-14-0	0.041
■ Sulphur	7704-34-9	0.006
Chromium	7440-47-3	18.250
Molybdenum	<i>7</i> 439-98-7	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
<b>■</b> 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	7440-38-2	0.003
■ Boron	7440-42-8	0.0007
■ Nitrogen	7727-37-9	0.024
■ Iron	7439-89-6	71.140
HAZARDS IDENTIFICATION		

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

& appropriate protective equipment for workers.

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

INHALATION : Fumes & dust may be irritating to respiratory system.

Not Applicable

Molten material may cause thermal burns.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

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.

IRON OXIDE : Chronic inhalation of excessive concentrations of iron oxide fumes or dust may

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.

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

observable as an x-ray change.

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

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

FIRE FIGHTING MEASURES

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

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

SECTION 7. HANDELING & STORAGE

Store in a dry place.

Use original container.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

dust is generated.

should be worn when welding or burning.

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

Solid

7.750

1400-1450 °C

HARDNESS (HV5) : 220

FINISH : Powder Coated

on health if properly handled.

properly handled.

The product is stable.

## SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects

**REACTIVITY AND STABILITY** 

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

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

TRANSPORT INFORMATION

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.

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.

## CATEGORIZATION and a delayer SARA TITLE III SECTION 302 : No compone

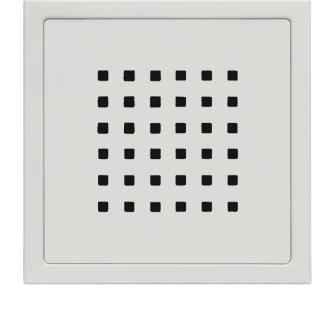
SARA TITLE III SECTION 302 : No components are listed as extremely hazardous substances

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.

### MATERIAL SAFETY DATA SHEET (ELITE)



### PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

**FLAMMABILITY** 

INHALATION EYE CONTACT

**MANGANESE** 

**CHROMIUM** 

SKIN

INHALATION

INGESTION

**SUITABLE** 

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

POSSIBILITY OF HAZARDOUS

**FINISH** 

STABILITY

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

**SECTION 14.** 

SECTION 15.

**EXTREMELY HAZARDOUS** SUBSTANCES (EHSS):

SECTION 16.

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

% 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

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

Chemical Composition

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

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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.

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. Not anticipated under normal circumstances. As such this material is not expected **INGESTION** to be acutely toxic via ingestion.

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

observable as an x-ray change.

associated with the following conditions.

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 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.

Chronic inhalation of high concentrations of metallic fumes and dusts are

Chronic exposure to high concentrations of manganese fumes and dusts may

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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

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

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

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

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

**HANDELING & STORAGE** 

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.

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

Use original container.

dust is generated.

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

**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.

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

**PHYSICAL & CHEMICAL PROPERTIES** 

Solid

**MELTING TEMPERATURE** 1425-1510 °C DENSITY (G/CM3) 7.750 HARDNESS (HV5) 175

White Powder Coated

The product is stable.

on health if properly handled.

### SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects

**REACTIVITY AND STABILITY** 

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

**DISPOSAL CONSIDERATIONS** 

**REGULATORY INFORMATION** 

**ECHOLOGICAL INFORMATION** 

#### 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.

#### 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 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.