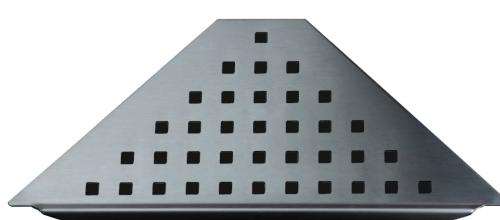
# MATERIAL SAFETY DATA SHEET

(ACCORD)



## PRODUCT DESCRIPTION

**SECTION 1.** 

SECTION 2.

SECTION 3.

SKIN CONTACT

**MOLYBDENUM** 

SKIN

SECTION 5.

**SUITABLE** 

**PRODUCTS** 

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

SECTION 8.

SKIN PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

STABILITY

REACTIONS

SECTION 11.

**SECTION 12.** 

SECTION 13.

**SECTION 14.** 

SARA TITLE III HAZARD

**EXTREMELY HAZARDOUS** 

GENERAL INFORMATION

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

PACKAGING MATERIAL RECOMMENDED

ENVIRONMENTAL EXPOSURE CONTROLS

INGESTION

**EMERGENCY OVERVIEW** 

PRIMARY ROUTE OF EXPOSURE

MATERIAL IDENTIFICATION

## Shower shelf keeps shampoos, soaps, gels up high, out your way as you shower. The shelf is attached to the joint together

with silicone. Fits in 90-degree corners. A shower shelf corner is economic with space, items placed in the bathroom are accessible out the way of potential slipping and spills. To make bathroom clean and organised, you can use shelf. These shelf ensure that everything in your bathroom is in order, and you do not need to search for things when you need them. **MATERIAL USED** 

# MANUFACTURER'S NAME

Stainless Steel - Grade 316

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

0.022

16.77

Welding, brazing, cutting, grinding and machining of this material may liberate

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

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

hazardous fumes or dust may be generated. Needs adequate exhaust ventilation

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

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.

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.

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 Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

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

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

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

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

Fumes may be evolved from fires involving finely divided alloy

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

Chemical Composition

Carbon

Chromium

Iron	7439-89-6	67.91
Manganese	<i>7</i> 439-96-5	1.761
Phosphorus	<i>77</i> 23-14-0	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
Cobalt	7440-48-4	0.21
copper	<i>7</i> 440-50-8	0.403
Niobium	<i>7</i> 440-03-1	0.019
Titanium	7440-32-6	0.0060
Vanadium	7440-62-2	0.069
Tungsten	7440-33-7	0.014
<b>■</b> Tin	7440-31-5	0.012
Arsenic	<i>7</i> 440-38-2	0.0075
■ Nitrogen	7727-37-9	0.066

#### **FLAMMABILITY** Not Applicable

HAZARDS IDENTIFICATION

Eye, Skin contact or Inhalation **ROUTE OF EXPOSURE** Steel production sheet, coil do not pose a significant health hazardous. However when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Dust or particles may cause irritation due to abrasion.

EFFECT OF SHORT TERM (ACUTE) EXPOSURE INHALATION Fumes & dust may be irritating to respiratory system. EYE CONTACT Dust or particles may cause mechanical irritation.

to be acutely toxic via ingestion.

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

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

observable as an x-ray change. Chronic exposure to high concentrations of manganese fumes and dusts may **MANGANESE** increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling

Parkinson's disease.

**CHROMIUM** The alleged health hazards associated with exposure to chromium are dependent on its oxidation state. The metal form (chromium as it exists in this product) is of very low toxicity. The hexavalent form is very toxic. Nickel is a common contact allergen & causes some sensitization, allergic contact NICKEL

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.

TLV. Silicon may cause chronic respiratory e ffects.

deformities, erythema, and edema of the joint areas. SECTION 4. FIRST AIDS MEASURES If dust/fumes get in eyes, immediately flush with large amounts of running water EYES for several minutes and seek Prompt medical attention.

#### If inhalation of dust / fumes occurs, immediately remove victim from the adverse INHALATION environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

FIRE FIGHTING MEASURES

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

SPECIAL EXPOSURE HAZARDS No special fire or explosion hazard. Promptly isolate the scene by removing all persons. Vicinity of the incident if there is a fire.

operated in positive pressure mode. 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** 

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

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

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

dust is generated.

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

HARDNESS (HV5) 205 **FINISH** No.4 or B.A 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.

**TOXICOLOGICAL INFORMATION** 

**ECHOLOGICAL INFORMATION** 

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.

Solid

*7.750* 

1375-1400 °C

## **DISPOSAL CONSIDERATIONS** 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.

## **REGULATORY INFORMATION** SECTION 15.

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

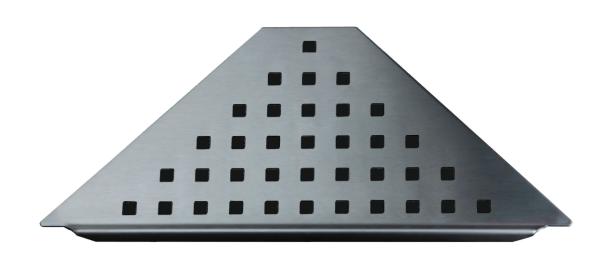
### CATEGORIZATION SARA TITLE III SECTION 302 No components are listed as extremely hazardous substances

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

(ACCORD)



# PRODUCT DESCRIPTION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

IRON OXIDE

NICKEL

SILICON

**SECTION 4.** 

**EYES** 

SKIN

INGESTION

SUITABLE

**PRODUCTS** 

SPECIAL PROTECTIVE

SPECIAL EXPOSURE HAZARDS

PRIMARY ROUTE OF EXPOSURE

MATERIAL IDENTIFICATION

# Shower shelf keeps shampoos, soaps, gels up high, out your way as you shower. The shelf is attached to the joint together

with silicone. Fits in 90-degree corners. A shower shelf corner is economic with space, items placed in the bathroom are accessible out the way of potential slipping and spills. To make bathroom clean and organised, you can use shelf. These shelf ensure that everything in your bathroom is in order, and you do not need to search for things when you need them. **MATERIAL USED** 

## MANUFACTURER'S NAME

Stainless Steel - Grade 304

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.

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

increase the incidence of bronchitis pneumonia and lung damage and may

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

: If dust/fumes get in eyes, immediately flush with large amounts of running water

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

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

Fumes may be evolved from fires involving finely divided alloy

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

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

ensure they comply with the requirements of environmental protection legislation.

Emissions from ventilation or work process equipment should be checked to

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

for several minutes and seek Prompt 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
Chromium	7440-47-3	18.250
Molybdenum	<i>7</i> 439-98-7	0.240
Nickel	7440-02-0	8.240
Aluminium	<i>7</i> 429-90-5	0.0034
<b>■</b> Cobalt	<i>7</i> 440-48-4	0.220
Copper	<i>7</i> 440-50-8	0.360
Niobium	<i>7</i> 440-03-1	0.0079
<b>■</b> Titanium	<i>7</i> 440-32-6	0.004
■ Venadium	<i>7</i> 440-62-2	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	<i>7</i> 440-42-8	0.0007
■ Nitrogen	7727-37-9	0.024
■ Iron	<i>7</i> 439-89-6	71.140

#### Molten material may cause thermal burns. **FLAMMABILITY** Not Applicable

HAZARDS IDENTIFICATION

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.

Eye, Skin contact or Inhalation

EFFECT OF SHORT TERM (ACUTE) EXPOSURE INHAI ATION Fumes & dust may be irritating to respiratory system.

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 to be acutely toxic via ingestion.

associated with the following conditions.

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

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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. **CHROMIUM** The alleged health hazards associated with exposure to chromium are dependent on its oxidation state. The metal form (chromium as it exists in this product) is of

Nickel 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.

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.

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

FIRST AIDS MEASURES

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.

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

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. SECTION 6. ACCIDENTAL RELEASE MEASURES

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

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

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

PACKAGING MATERIAL RECOMMENDED

**ENVIRONMENTAL EXPOSURE CONTROLS** 

SECTION 8.

EYE PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

SECTION 12.

GENERAL INFORMATION

**SECTION 14.** 

SECTION 15.

SARA TITLE III HAZARD

CATEGORIZATION

STABILITY

**MELTING TEMPERATURE** 

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

dust is generated.

**PHYSICAL & CHEMICAL PROPERTIES** 

REACTIVITY AND STABILITY

**ECHOLOGICAL INFORMATION** 

Solid

1400-1450 °C

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

DENSITY (G/CM3) 7.750 HARDNESS (HV5) 220 **FINISH** No.4 or B.A

The product is stable.

#### POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will Not Occur. **REACTIONS**

TOXICOLOGICAL INFORMATION **SECTION 11.** According to our experience and information the product has no harmful effects on health if properly handled.

properly handled.

#### **DISPOSAL CONSIDERATIONS** SECTION 13. METHODS OF DISPOSAL Steel scrap should be recycled wherever possible

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

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

# 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):

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 (ACCORD)

# PRODUCT DESCRIPTION

**SECTION 1.** 

SECTION 2.

SECTION 3.

INHALATION

IRON OXIDE

**MANGANESE** 

**CHROMIUM** 

SECTION 4.

SECTION 5.

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

DENSITY (G/CM3)

HARDNESS (HV5)

POSSIBILITY OF HAZARDOUS

**FINISH** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

SECTION 15.

METHODS OF DISPOSAL

GENERAL INFORMATION

SARA TITLE III SECTION 302

EXTREMELY HAZARDOUS

**EYES** 

SKIN

NICKEL

**EMERGENCY OVERVIEW** 

MATERIAL IDENTIFICATION

# Shower shelf keeps shampoos, soaps, gels up high, out your way as you shower. The shelf is attached to the joint together

with silicone. Fits in 90-degree corners. A shower shelf corner is economic with space, items placed in the bathroom are accessible out the way of potential slipping and spills. To make bathroom clean and organised, you can use shelf. These shelf ensure that everything in your bathroom is in order, and you do not need to search for things when you need them. **MATERIAL USED** 

## MANUFACTURER'S NAME

Stainless Steel - Grade 430

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

7439-89-6

% Weight

0.072

16.33

82.21

Chemical Composition

Carbon

Chromium

Iron

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		
<b>■</b> 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		
<b>■</b> 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		
RDS IDENTIFICATION				

#### **FLAMMABILITY** Not Applicable

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

Molten material may cause thermal burns.

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

Fumes & dust may be irritating to respiratory system.

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

when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation

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

associated with the following conditions.

observable as an x-ray change.

Parkinson's disease.

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may results in development of a benign pneumoconiosis, called siderosis, which is

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

The alleged health hazards associated with exposure to chromium are dependent

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

TLV. Silicon may cause chronic respiratory effects.

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

> **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

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 Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

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

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

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

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.

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

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

welding, burning and grinding operations, if applicable exposure

and wash contaminated clothing if rash or irritation persists, seek 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,

FIRE FIGHTING MEASURES

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

**SUITABLE** SPECIAL EXPOSURE HAZARDS No special fire or explosion hazard. Promptly isolate the scene by removing all

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.

**PRODUCTS** 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.

Store in a dry place.

## PACKAGING MATERIAL RECOMMENDED Use original container.

**HANDELING & STORAGE** 

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 8. **EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

ENVIRONMENTAL EXPOSURE CONTROLS

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

limits are exceeded.

PHYSICAL & CHEMICAL PROPERTIES SECTION 9. PHYSICAL STATE Solid **MELTING TEMPERATURE** 1400-1450 °C

REACTIVITY AND STABILITY SECTION 10.

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

7.750

No.4 or B.A

220

TOXICOLOGICAL INFORMATION SECTION 11. According to our experience and information the product has no harmful effects on health if properly handled.

The product is stable.

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

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

## SECTION 14. TRANSPORT INFORMATION 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

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

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.

No components are listed as extremely hazardous substances