## MATERIAL DATA SAFETY SHEET

(ACCORD)



#### PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

Titanium

Vanadium

Tungsten Tin

Arsenic

HAZARDS IDENTIFICATION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

EYE CONTACT

SKIN CONTACT

INGESTION

**CHROMIUM** 

**MOLYBDENUM** 

**EYES** 

SKIN

INHALATION

SECTION 5.

SECTION 7.

SECTION 8.

EYE PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

SECTION 10.

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

**CATEGORIZATION** 

SUBSTANCES (EHSS):

SECTION 16.

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

RESPIRATORY PROTECTION

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

NICKEL

EMERGENCY OVERVIEW

PRIMARY ROUTE OF EXPOSURE

EFFECT OF SHORT TERM (ACUTE) 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.

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.

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

The alleged health hazards associated with exposure to chromium are dependent

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

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

Based on animal experiments, molybdenum and its compounds are highly toxic.

: 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 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,

: 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.

equipment will be necessary to reduce emissions to acceptable levels.

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

welding, burning and grinding operations, if applicable exposure

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

adversely affect the central nervous system with symptoms resembling

	Nitrogen

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
		& appropriate protective equipment for workers.

to be acutely toxic via ingestion.

Not Applicable

associated with the following conditions.

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

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

Parkinson's disease.

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.

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

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory e ffects.

for several minutes and seek Prompt medical attention.

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 deformities, erythema, and edema of the joint areas.

SECTION 4. FIRST AIDS MEASURES

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

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.

PRODUCTS : Fumes may be evolved from fires involving finely divided alloy

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

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

limits are exceeded.

STORAGE REQUIREMENTS : Store in a dry place.

PACKAGING MATERIAL RECOMMENDED : Use original container.

glasses or goggles should be worn

# 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

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

Solid

1375-1400 °C

 DENSITY (G/CM3)
 : 7.750

 HARDNESS (HV5)
 : 205

 FINISH
 : No.4 or B.A

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.

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

TION : 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

OTHER INFORMATION

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

EXTREMELY HAZARDOUS

and a delayed (chronic) Health hazard is defined by 40 CFR 370.

Steel scrap should be recycled wherever possible

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

MATERIAL IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

INHALATION

EYE CONTACT

SKIN CONTACT

**IRON OXIDE** 

**CHROMIUM** 

**SECTION 4.** 

**SECTION 5.** 

**SUITABLE** 

PRODUCTS

EXTINGUISHER MEDIA

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

EYE PROTECTION

SKIN PROTECTION

TECHNICAL MEASURES

PHYSICAL STATE

DENSITY (G/CM3)

HARDNESS (HV5)

**SECTION 10.** 

STABILITY

**REACTIONS** 

SECTION 12.

GENERAL INFORMATION

SECTION 14.

CATEGORIZATION

SUBSTANCES (EHSS):

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

PACKAGING MATERIAL RECOMMENDED

**ENVIRONMENTAL EXPOSURE CONTROLS** 

**EYES** 

SKIN

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

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

Stainless Steel - Grade 304

#### MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

### Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

**COMPOSITION / INFORMATION ON INGREDIENTS** 

CAS No.

% Weight

0.065

0.330

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

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

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

increase the incidence of bronchitis pneumonia and lung damage and may

The alleged health hazards associated with exposure to chromium are dependent

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

compounds have been reported to cause cancer of the lungs and sinuses.

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

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

Chemical Composition

Manganese	<i>7</i> 439-96-5	1.030
Phosphorus	<i>77</i> 23-14-0	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
■ 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	<i>7</i> 439-89-6	71.140
HAZARDS IDENTIFICATION		

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

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 irritation due to abrasion.

Dust or particles may cause mechanical irritation.

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

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

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

very low toxicity. The hexavalent form is very toxic. **NICKEL** Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its

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. 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.

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.

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.

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.

Fumes may be evolved from fires involving finely divided alloy

#### 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

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

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

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.

Use original container.

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

should be worn when welding or burning.

#### dust is generated. HYGIENE MEASURES Wash all exposed skin and face thoroughly after handling products before eating,

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Solid

7.750

220

1400-1450 °C

**HANDELING & STORAGE** 

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.

**FINISH** No.4 or B.A

The product is stable.

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

**ECHOLOGICAL INFORMATION** 

**REACTIVITY AND STABILITY** 

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.

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

#### SECTION 13. **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.

and a delayed (chronic) Health hazard is defined by 40 CFR 370.

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

#### SECTION 15. **REGULATORY INFORMATION** SARA TITLE III HAZARD Product (Dust and Fume) is categorized as an immediate (acute) health hazard

#### 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 (ACCORD)

(ACCORD



#### PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

**FLAMMABILITY** 

EYE CONTACT

SKIN CONTACT

**INGESTION** 

**MANGANESE** 

SILICON

SKIN

INHALATION

INGESTION

**SUITABLE** 

**PRODUCTS** 

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

EYE PROTECTION

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

STABILITY

**REACTIONS** 

**SECTION 12.** 

METHODS OF DISPOSAL

GENERAL INFORMATION

**SECTION 14.** 

SARA TITLE III HAZARD

EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

**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 dunamic and contemporary appearance to complement today's architectural spaces.

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

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

Chronic exposure to high concentrations of manganese fumes and dusts may

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

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

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

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

equipment will be necessary to reduce emissions to acceptable levels.

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

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

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

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

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

### Chromium 7440-47-3

Chemical Composition

Carbon

<b>■</b> Iron	7439-89-6	82.21
Manganese	<i>7</i> 439-96-5	0.616
Phosphorus	7723-14-0	0.033
Silicon	7440-21-3	0.315
<b>■</b> Sulphur	<i>7</i> 704-34-9	0.0066
■ Nickel	7440-02-0	0.171
Molybdenum	7439-98-7	0.020
<b>■</b> Aluminium	<i>7</i> 429-90-5	0.036
Cobalt	7440-48-4	0.031
Copper	<i>7</i> 440-50-8	0.082
■ Niobium	7440-03-1	0.0069
<b>■</b> Titanium	7440-32-6	0.0039
■ Vanadium	7440-62-2	0.031
<b>■</b> Tin	7440-31-5	0.0055
Arsenic	7440-38-2	0.0021
■ Nitrogen	7727-37-9	0.028

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

Eye, Skin contact or Inhalation

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

HAZARDS IDENTIFICATION

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

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

Not Applicable

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

observable as an x-ray change.

to be acutely toxic via ingestion.

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

NICKEL : Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its compounds have been reported to cause cancer of the lungs and sinuses.

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory effects.

SECTION 4. FIRST AIDS MEASURES

EYES

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

## environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

SECTION 5. FIRE FIGHTING MEASURES

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 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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Minimal problems with spills of this product would be expected to occur because of its solid form.

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

STORAGE REQUIREMENTS : Store in a dry place.

PACKAGING MATERIAL RECOMMENDED

**HANDELING & STORAGE** 

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

should be worn when welding or burning.

Use original container.

dust is generated.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

Solid

7.750

1425-1510 °C

 HARDNESS (HV5)
 : 175

 FINISH
 : No.4 or B.A

The product is stable.

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

**ECHOLOGICAL INFORMATION** 

# properly handled. SECTION 13. DISPOSAL CONSIDERATIONS

SECTION 11. TOXICOLOGICAL INFORMATION

TRANSPORT 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.

Steel scrap should be recycled wherever possible

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

RMATION

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

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.