



# Safety Data Sheet (SDS)

According to Regulation (EC) No 1907/2006 (REACH)

## Section 1: Identification of the Substance/Mixture and the Company/Undertaking

### 1.1. Product Identifier

Product form	:	Mixture
Product Name	:	Titanium CP Family
Product group	:	Commercial product
Other means of identification	:	Ti Alloy

**1.2. Product Distributor /Manufacturer:** **Materials Science International, Inc.**  
1660 Georgesville Road  
Columbus, OH 43228-3620, USA  
Phn# 1-614-870-0400  
Fax# 1-614-878-6000

**1.3. Chemtrec: (800)424-9300 or Poison Center: (800)562-8236**

## Section 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]** --- Not classified  
**Classification according to Directive 67/548/EEC or 1999/45/EC** --- Not classified  
**Adverse physicochemical, human health and environmental effects** --- No additional information available

### 2.2. Label Elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]** --- No labeling applicable

### 2.3. Other Hazards

**Other hazards not contributing to the classification:**

This product shipped by Materials Science International, Inc. is physiologically inert in its solid form. However, user - generated dust and/or fumes may pose a physiological hazard if inhaled or ingested. Avoid inhalation of metal dusts and fumes. May cause an influenza-like illness. Avoid skin and eye contact with dusts to prevent mechanical irritation. User-generated dust is easily ignited and difficult to extinguish.

## 2.4. Unknown Acute Toxicity

(GHS-US) No data available

### *Precautionary Statements*

Prevention: Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray

Response IF exposed or concerned: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF

SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth thoroughly.

Precautionary Statements – Storage Store locked up.

### *Precautionary Statements – Disposal*

Dispose of contents/container to an approved waste disposal plant.

*Other information* - Very toxic to aquatic life with long lasting effects.

## Section 3: Composition / Information on Ingredient

**3.1. Substance** --- Not applicable

### **3.2. Mixture**

Name	Product Identifier	Wt %	Classification according to Directive 67/548/EEC
Titanium	(CAS No) 7440-32-6 (EC no) 231-142-3	> 99	F; R11
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	(CAS No) 1309-37-1 (EC no) 215-168-2	<0.1 - 0.5	N; R51/53
Palladium	(CAS No) 7440-05-3 (EC no) 231-115-6	<0.1 - 0.25	F; R11

Name	Product Identifier	Wt %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium	(CAS No) 7440-32-6 (EC no) 231-142-3	> 99	Flam. Sol. 1, H228
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	(CAS No) 1309-37-1 (EC no) 215-168-2	<0.1 - 0.5	Aquatic Chronic 2, H411
Palladium	(CAS No) 7440-05-3 (EC no) 231-115-6	<0.1 - 0.25	Flam. Sol. 2, H228

Full text of R- and H-phrases: see section 16

## Section 4: First Aid Measures

### 4.1. Description of First Aid Measures

First-aid measures general	:	If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	:	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	:	Wash immediately with plenty of soap and water. Rinse with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	:	Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
First-aid measures after ingestion	:	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/injuries	:	None expected under normal conditions of use.
Symptoms/injuries after inhalation	:	May cause respiratory irritation. During welding, the most significant route of exposure is by the inhalation (breathing) of welding fumes. If welding fumes are inhaled, they can cause a condition commonly known as metal fume fever with symptoms which resemble influenza. Symptoms may be delayed 4-12 hours and begin with a sudden onset of thirst, and a sweet, metallic or foul taste in the mouth. Other symptoms may include upper respiratory tract irritation accompanied by coughing and a dryness of the mucous membranes, lassitude and a generalized feeling of malaise. Fever, chills, muscular pain, mild to severe headache, nausea, occasional vomiting, exaggerated mental activity, profuse sweating, excessive urination, diarrhea and prostration may also occur.
Symptoms/injuries after skin contact	:	Dust may cause irritation in skin folds or by contact in combination with tight clothing. Contact with hot, molten metal will cause thermal burns. Arc rays and sparks can burn skin.
Symptoms/injuries after eye contact	:	Dust from this product may cause minor eye irritation.
Symptoms/injuries after ingestion	:	If large amounts are ingested: Gastrointestinal irritation.
Chronic symptoms	:	Prolonged inhalation of dust may cause respiratory irritation.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

*Indication of any immediate medical attention and special treatment needed*

Note to physicians: Treat symptomatically.

## Section 5: Fire / Fighting Measures

### 5.1. Extinguishing Media

<b>Suitable extinguishing media</b>	:	Cover with sand or earth. Metal fire extinction powder.
<b>Unsuitable extinguishing media</b>	:	Reacts with water to release flammable hydrogen gas.

### 5.2. Special Hazards Arising From the Substance or Mixture

<b>Fire hazard</b>	:	Metallic dusts may ignite or explode. Fire may produce irritating and/or toxic gases.
<b>Explosion hazard</b>	:	Flammable dust. Dust clouds can be explosive. Avoid dust clouds in combination with static electricity.
<b>Reactivity</b>	:	Stable at ambient temperature and under normal conditions of use.

### 5.3. Advice for firefighters

<b>Firefighting instructions</b>	:	Do not breathe fumes from fires or vapours from decomposition. Keep upwind.
<b>Protection during firefighting</b>	:	Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

## Section 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### 6.1.1. For non-Emergency Personnel:

<b>Protective equipment</b>	:	Wear eye protection.
<b>Emergency procedures</b>	:	Avoid creating or spreading dust. Eliminate ignition sources.

#### 6.1.2. For Emergency Responder:

<b>Protective equipment</b>	:	Safety glasses.
<b>Emergency procedures</b>	:	Ventilate area. Eliminate ignition sources. Evacuate unnecessary personnel.

## 6.2. Environmental Precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

## 6.3. Methods and material for containment and cleaning up

<b>For containment</b>	:	Contain and collect as any solid.
<b>Methods for cleaning up</b>	:	Avoid generation of dust during clean-up of spills. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Use only non-sparking tools. Use explosion-proof equipment.

## 6.4. Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

# Section 7: Handling and Storage

## 7.1. Precautions for Safe Handling

<b>Additional hazards when processed</b>	:	Do not handle until all safety precautions have been read and understood. Fine dust dispersed in air may ignite. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.
<b>Precautions for safe handling</b>	:	Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid creating or spreading dust. Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Ensure there is adequate ventilation. Wear recommended personal protective equipment.
<b>Hygiene measures</b>	:	Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke in areas where product is used. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

## 7.2. Conditions for Safe Storage, Including Any Incompatibilities

<b>Storage conditions</b>	:	Store in original container. Store in a dry, cool place. Store in a well-ventilated place. Keep container tightly closed.
<b>Incompatible materials</b>	:	Avoid contact with: strong acids. Mineral acids. Corrosive substances in contact with metals may produce flammable hydrogen gas.

**Storage Conditions:** Store in a dry, cool and well-ventilated place.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Alkalis. Metal oxides. Water, humidity. Corrosive substances in contact with metals may produce flammable hydrogen gas.

**7.3. Specific End Use(s)** - Metal alloy for multiple production uses.

## Section 8: Exposure Controls / Personal Protection

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<b>Titanium (7440-32-6)</b>		
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	1.0 mg/m <sup>3</sup>
Latvia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Romania	OEL STEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>Iron oxide (Fe2O3) (1309-37-1)</b>		
Austria	MAK (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Austria	MAK Short time value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Belgium	Limit value (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	2 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	5.0 mg/m <sup>3</sup>
France	VME (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Spain	VLA-ED (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup> (calculated)
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Hungary	AK-érték	6 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Lithuania	IPRV (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Romania	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	1.5 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
Portugal	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Portugal	OEL chemical category (PT)	A4 - Not Classifiable

		as a Human Carcinogen
<b>Palladium (7440-05-3)</b>		
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective clothing. Gloves. Safety glasses. Dust formation: dust mask. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. With molten material wear thermally protective clothing.

**Hand Protection:** Wear chemically resistant protective gloves. If material is hot, wear thermally resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing. Wash contaminated clothing before reuse.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear disposable gloves and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling.

## Section 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	:	Solid
<b>Appearance</b>	:	Metallic. Silver. Gray.
<b>Odor</b>	:	Odorless
<b>Odor Threshold</b>	:	Not available
<b>pH</b>	:	Not available
<b>Evaporation Rate</b>	:	Not available
<b>Melting Point</b>	:	1660 °C (3020 °F)
<b>Freezing Point</b>	:	Not available
<b>Boiling Point</b>	:	3287 °C (5948.6 °F)

<b>Flash Point</b>	:	Not applicable
<b>Auto-ignition Temperature</b>	:	Not available
<b>Decomposition Temperature</b>	:	Not available
<b>Flammability (solid, gas)</b>	:	Not available
<b>Lower Flammable Limit</b>	:	Not available
<b>Relative Density</b>	:	Not available
<b>Specific Gravity</b>	:	4.5
<b>Solubility</b>	:	Insoluble in water
<b>Partition Coefficient: N-octanol/water</b>	:	Not available
<b>Viscosity</b>	:	Not available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	:	Not expected to present an explosion hazard due to mechanical impact.
<b>Explosion Data – Sensitivity to Static Discharge</b>	:	Not expected to present an explosion hazard due to static discharge.

## 9.2. Other information

VOC content : 0 %

## Section 10: Physical and Chemical Properties

- |   |  |
|---|--|
| <b>10.1. Reactivity</b>                         | Stable at ambient temperature and under normal conditions of use.  |
| <b>10.2. Chemical stability</b>                 | Product is stable.   |
| <b>10.3. Possibility of hazardous reactions</b> | Hazardous polymerization will not occur.   |
| <b>10.4. Conditions to avoid</b>                | Dust, chips, or ribbons can be ignited more easily, by an ignition source, by improper machining, or by spontaneous combustion if finely divided and damp. |
| <b>10.5. Incompatible materials</b>             | Incompatible with: strong acids. Mineral acids. Corrosive substances in contact with metals may produce flammable hydrogen gas.                            |
| <b>10.6. Hazardous decomposition products</b>   | Under conditions of fire this material may produce: Oxides of titanium. Oxides of iron. Oxides of palladium.   |

## Section 11: Toxicological Information

### 11.1. Information on Toxicological Effects - Product

<b>Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)</b>	
LD50 oral rat	> 10000 mg/kg



Acute Toxicity:	Not classified
LD50 and LC50 Data:	Not available
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Teratogenicity:	Not classified
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Reproductive Toxicity:	Not classified
Aspiration Hazard:	Not classified

**Symptoms/Injuries After Inhalation:** Inhalation of dusts and fumes can cause metal fume fever. Symptoms can include a metallic or sweet taste in the mouth, sweating, shivering, headache, throat irritation, fever, chills, thirstiness, muscle aches, nausea, vomiting, weakness, fatigue, and shortness of breath.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Dust from physical alteration of this product causes skin irritation. Causes severe skin burns. Contact with fumes or metal powder will irritate skin. Contact with hot, molten metal will cause thermal burns. Dust may cause irritation in skin folds or by contact in combination with tight clothing. Mechanical damage via flying particles and chipped slag is possible.

**Symptoms/Injuries After Eye Contact:** Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

## 11.2. Information on Toxicological Effects - Ingredient(s)

### LD50 and LC50 Data:

<b>Iron Oxide (1309-37-1)</b>	
LD50 Oral Rat	> 10000 mg/kg
<b>Manganese (7439-96-5)</b>	
LD50 Oral Rat	> 2000 mg/kg
<b>Cobalt (7440-48-4)</b>	
LD50 Oral Rat	215.9 - 1140 mg/kg
LC50 Inhalation Rat	> 10 mg/l (Exposure time: 1 h)
ATE US (dust, mist)	0.01 mg/l/4h
<b>Beryllium (7440-41-7)</b>	
ATE US (dust, mist)	0.05 mg/l/4h
<b>Cadmium (7440-43-9)</b>	
LD50 Oral Rat	1140 mg/kg
LC50 Inhalation Rat	25 mg/m <sup>3</sup> (Exposure time: 30 min)
ATE US (vapors)	25.00 mg/l/4h
ATE US (dust, mist)	0.05 mg/l/4h
<b>Nickel (7440-02-0)</b>	
IARC Group	2B
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.

<b>Iron Oxide (1309-37-1)</b>	
IARC Group	3

### Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

#### Inhalation LC50:

Soluble lead compounds are listed as a marine pollution according to DOT.

## Section 12: Ecological Information

**12.1. Toxicity** --- No additional information available

### **12.2. Persistence and degradability**

<b>Titanium CP Family</b>	
Persistence and degradability	Not readily biodegradable.

**12.3. Bioaccumulative potential** --- No additional information available

**12.4. Mobility in soil** --- No additional information available

**12.5. Results of PBT and vPvB assessment** --- No additional information available

**12.6. Other adverse effects** --- No additional information available

## Section 13: Ecological Information

### Waste Treatment Methods

Sewage disposal recommendations	:	Do not empty into drains; dispose of this material and its container in a safe way.
Waste disposal recommendations	:	Dispose of waste material in accordance with all local, regional, national, and international regulations.

## Section 14: Transport Information

- 14.1. In Accordance with DOT**
- 14.2. In Accordance with IMDG**
- 14.3. In Accordance with IATA**
- 14.4. In Accordance with TDG**

Not regulated for transport  
 Not regulated for transport  
 Not regulated for transport  
 Not regulated for transport

Note:

This product is not regulated for domestic transport by land, air or rail.

Under 49 CFR 171.8, individual packages that contain lead metal (<100 micrometers) below the reportable quantity (RQ) are not regulated.

Under 49 CFR 171.4, except when transporting aboard a vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packaging transported by motor vehicles, rail cars and aircrafts.

DOT

Proper shipping name	Not applicable
Hazard Class Packing Group	Not applicable
Reportable Quantity (RQ)	Not applicable
Marine pollutant	Soluble lead compounds are listed as a marine pollutant according to DOT.
Emergency Response Guide	Not applicable

## Section 15: Regulatory Information

<u>International Inventories:</u>	
<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies
<u>Legend:</u>	
<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory

<b>DSL/NDSL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	Australia Inventory of Chemicals and Substances
<b>US Federal Regulations SARA 313</b>	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<b>Chemical Name</b>	<b>CWA – Reportable Quantities</b>	<b>CWA – Priority Pollutants</b>	<b>CWA – Hazardous Substances</b>
Titanium (CAS No) 7440-32-6	none	none	none

### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

### **US State Regulations California Proposition 65**

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

<b>Chemical Name</b>	<b>California Proposition 65</b>
Titanium (CAS No) 7440-32-6	Not listed

### **US State Right-to-Know Regulations**

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>	<b>Illinois</b>	<b>Rhode Island</b>
Titanium (CAS No) 7440-32-6	X	-	X	-	-

### **US EPA Label Information**

EPA Pesticide Registration Number: Not available

**Please be advised that N/A can either mean Not Applicable or No Data Has Been Established**

## Section 16: Other Information

<b>Full text of R-, H- and EUH-phrases:</b>	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Flam. Sol. 1	Flammable solids, Category 1
H228	Flammable solid
H411	Toxic to aquatic life with long lasting effects
R11	Highly flammable
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
F	Highly flammable
N	Dangerous for the environment

<b>Issue Date</b>	<b>December 15, 2015</b>
<b>Revision Date</b>	<b>N / A</b>
<b>Revision Note</b>	<b>N / A</b>

### **DISCLAIMER**

This information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and is not to be considered a warranty or quality Specification.

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