



SAFETY DATA SHEET

Issue Date 28-May-2015

Revision Date 12-Jan-2016

Version (

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code PM011
Product Name Iron/Cobalt Alloy Respirable Powder

UN/ID no 3288
Synonyms C200, C250, C300, C350, T200, T250, T300 and HWM
Contains Cobalt, Nickel

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Iron alloy product manufacture

Uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer Address
ATI, 1000 Six PPG Place, Pittsburgh, PA 15222 USA

1.4. Emergency telephone number

Emergency Telephone Chemtrec: +1-703-741-5970

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Respiratory sensitisation	Category 1B
Skin sensitisation	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1

2.2. Label elements

Emergency Overview

Danger

Hazard statements

Harmful if swallowed
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause cancer
Suspected of damaging fertility or the unborn child
Causes damage to the respiratory tract through prolonged or repeated exposure if inhaled
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Fatal if inhaled

**Appearance** Powder**Physical state** Solid**Odour** Odourless**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Wear protective gloves
 Wash hands thoroughly after handling
 Do not eat, drink or smoke when using this product
 Avoid breathing dust/fume/gas/mist/vapours/spray
 Avoid release to the environment
 Wear respiratory protection
 Contaminated work clothing should not be allowed out of the workplace
 IF ON SKIN: Wash with plenty of soap and water

Precautionary Statements - Response

Collect spillage
 If inhaled: Immediately call a POISON CENTRE or doctor/ physician
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

2.3 Hazards not otherwise classified (HNOC)

Not applicable

Other Information

When product is subjected to welding, burning, melting, sawing, brazing, grinding, buffing, polishing, or other similar heat-generating processes, the following potentially hazardous airborne particles and/or fumes may be generated: Hexavalent Chromium (Chromium VI) may cause lung, nasal, and/or sinus cancer, Vanadium pentoxide (V₂O₅) affects eyes, skin, respiratory system
 Soluble molybdenum compounds such as molybdenum trioxide may cause lung irritation

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances**Synonyms**

C200, C250, C300, C350, T200, T250, T300 and HWM.

Chemical Name	EC No	CAS No	Weight-%
Iron	231-096-4	7439-89-6	50-80
Cobalt	213-158-0	7440-48-4	0-50
Nickel	231-111-4	7440-02-0	0-42
Chromium	231-157-5	7440-47-3	0-40
Vanadium	231-171-1	7440-62-2	0-15
Molybdenum	231-107-2	7439-98-7	0-11

Tungsten	231-143-9	7440-33-7	0-8
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Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	If excessive amounts of vapors, smoke, fume, or particles are inhaled during processing, remove to fresh air and consult a qualified health professional. In the case of asthma symptoms or breathing difficulties call a doctor:
Skin Contact	In the case of skin irritation or allergic reactions see a doctor. Wash off immediately with soap and plenty of water.
Eye contact	In the case of particles coming in contact with eyes during processing, treat as with any foreign object.
Ingestion	IF SWALLOWED. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause acute gastrointestinal effects if swallowed.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Smother with salt (NaCl) or class D dry powder fire extinguisher.

Unsuitable extinguishing media

Do not spray water on burning metal as an explosion may occur. This explosive characteristic is caused by the hydrogen and steam generated by the reaction of water with the burning material

5.2. Special hazards arising from the substance or mixture

Intense heat Very fine, high surface area material resulting from grinding, buffing, polishing, or similar processes of this product may ignite spontaneously at room temperature **WARNING:** Fine particles resulting from grinding, buffing, polishing, or similar processes of this product may form combustible dust-air mixtures. Keep particles away from all ignition sources including heat, sparks, and flame. Prevent dust accumulations to minimise combustible dust hazard

Hazardous combustion products Hexavalent Chromium (Chromium VI) may cause lung, nasal, and/or sinus cancer, Vanadium pentoxide (V₂O₅) affects eyes, skin, respiratory system. Soluble molybdenum compounds such as molybdenum trioxide may cause lung irritation.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required.

For emergency responders

Use personal protective equipment as required. Follow Emergency Response Guidebook, Guide No. 152, EXCEPT for FIRE follow Emergency Response Guidebook, Guide No. 170.

6.2. Environmental precautions

Collect spillage to prevent release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Sweep or shovel material into dry containers. Avoid creating dust.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling****Advice on safe handling**

Very fine, high surface area material resulting from grinding, buffing, polishing, or similar processes of this product may ignite spontaneously at room temperature. WARNING: Fine particles resulting from grinding, buffing, polishing, or similar processes of this product may form combustible dust-air mixtures. Keep particles away from all ignition sources including heat, sparks, and flame. Prevent dust accumulations to minimise combustible dust hazard.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep chips, turnings, dust, and other small particles away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials

Dissolves in hydrofluoric acid.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Iron 7439-89-6	-	-	-	-	-
Cobalt 7440-48-4	-	STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³	-	TWA: 0.02 mg/m ³	Skin
Nickel 7440-02-0	-	STEL: 1.5 mg/m ³ TWA: 0.5 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	Skin
Chromium 7440-47-3	TWA: 2 mg/m ³	STEL: 1.5 mg/m ³ TWA: 0.5 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³
Vanadium 7440-62-2	-	-	-	-	Skin
Molybdenum 7439-98-7	-	-	-	TWA: 10 mg/m ³ TWA: 3 mg/m ³	-
Tungsten	-	STEL: 10 mg/m ³	-	STEL: 10 mg/m ³	-

7440-33-7		TWA: 5 mg/m ³		TWA: 5 mg/m ³	
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Iron 7439-89-6	-	-	-	-	-
Cobalt 7440-48-4	-	TWA: 0.02 mg/m ³	TWA: 0.02 mg/m ³	TWA: 0.02 mg/m ³	TWA: 0.01 mg/m ³
Nickel 7440-02-0	-	TWA: 1.5 mg/m ³	-	TWA: 1 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
Chromium 7440-47-3	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³
Vanadium 7440-62-2	-	-	-	-	-
Molybdenum 7439-98-7	-	TWA: 10 mg/m ³ TWA: 3 mg/m ³	-	TWA: 0.5 mg/m ³	-
Tungsten 7440-33-7	-	STEL: 10 mg/m ³ TWA: 5 mg/m ³	-	TWA: 5 mg/m ³	TWA: 5 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Iron 7439-89-6	-	-	-	-	-
Cobalt 7440-48-4	Skin	Skin TWA: 0.05 mg/m ³	STEL: 0.2 mg/m ³ TWA: 0.02 mg/m ³	TWA: 0.02 mg/m ³ STEL: 0.06 mg/m ³	TWA: 0.1 mg/m ³
Nickel 7440-02-0	-	TWA: 0.5 mg/m ³	TWA: 0.25 mg/m ³	TWA: 0.05 mg/m ³ STEL: 0.15 mg/m ³	TWA: 0.5 mg/m ³
Chromium 7440-47-3	TWA: 2 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³ STEL: 1.5 mg/m ³	TWA: 2 mg/m ³
Vanadium 7440-62-2	STEL 1 mg/m ³ TWA: 0.5 mg/m ³	-	-	TWA: 0.2 mg/m ³ Ceiling: 0.05 mg/m ³ STEL: 0.6 mg/m ³	-
Molybdenum 7439-98-7	STEL 20 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³	STEL: 10 mg/m ³ TWA: 4 mg/m ³	-	TWA: 0.5 mg/m ³
Tungsten 7440-33-7	STEL 10 mg/m ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³

Derived No Effect Level (DNEL) No DNELs are available for this product as a whole

Predicted No Effect Concentration (PNEC) No PNECs are available for this product as a whole.

8.2. Exposure controls

Engineering Controls Avoid generation of particulates.

Personal protective equipment

Eye/face protection

When airborne particles may be present, appropriate eye protection is recommended. For example, tight-fitting goggles, foam-lined safety glasses or other protective equipment that shield the eyes from particles.

Skin and body protection

Wear fire/ flame resistant/retardant clothing.

Respiratory protection

When particulates/fumes/gases are generated and if exposure limits are exceeded or irritation is experienced, proper approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminate concentrations. Respiratory protection must be provided in accordance with current local regulations. Wear respiratory protection.

Environmental exposure controls Section 6: ACCIDENTAL RELEASE MEASURES.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Solid

Appearance

Powder

Colour

metallic grey Silver

Odour

Odourless

Odour threshold

Not applicable

Property

Values

Remarks • Method

pH

Not Applicable

Melting point/freezing point	1320-1400 °C / 2560-2800 °F	
Boiling point / boiling range	-	
Flash point	-	
Evaporation rate	-	Not applicable
Flammability (solid, gas)	-	None in massive form, flammable as finely divided particles
Flammability Limit in Air		
Upper flammability limit:		Not Applicable
Lower flammability limit		Not Applicable
Vapour pressure	-	Not applicable
Vapour density	-	Not applicable
Specific Gravity	8.0-8.5	
Water solubility	Insoluble	
Solubility(ies)		Not applicable
Partition coefficient	-	Not applicable
Autoignition temperature	-	Not applicable
Decomposition temperature	-	Not applicable
Kinematic viscosity	-	Not applicable
Dynamic viscosity	-	Not applicable
Explosive properties	Not applicable	
Oxidising properties	Not applicable	
9.2. Other information		
Softening point	Not Applicable	
Molecular weight	Not Applicable	
VOC Content (%)	Not applicable	
Density	-	
Bulk density	-	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not applicable

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Hazardous polymerisation

Hazardous polymerisation does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

dust formation.

10.5. Incompatible materials

Dissolves in hydrofluoric acid.

10.6. Hazardous decomposition products

When product is subjected to welding, burning, melting, sawing, brazing, grinding, buffing, polishing, or other similar

heat-generating processes, the following potentially hazardous airborne particles and/or fumes may be generated. Hexavalent Chromium (Chromium VI) may cause lung, nasal, and/or sinus cancer. Vanadium pentoxide (V₂O₅) affects eyes, skin, respiratory system. Soluble molybdenum compounds such as molybdenum trioxide may cause lung irritation.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation	May cause cancer by inhalation. Causes damage to respiratory tract through prolonged or repeated exposure if inhaled. Cobalt-containing alloys may cause sensitization by inhalation. Cobalt-containing powders may be fatal if inhaled.
Eye contact	Product not classified.
Skin Contact	May cause sensitisation by skin contact.
Ingestion	Harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Iron	98,600 mg/kg bw	-	> 0.25 mg/L
Cobalt	550 mg/kg bw	>2000 mg/kg bw	<0.05 mg/L
Nickel	> 9000 mg/kg bw	-	> 10.2 mg/L
Chromium	> 3400 mg/kg bw	-	> 5.41 mg/L
Vanadium	> 2000 mg/kg bw	-	-
Molybdenum	> 2000 mg/kg bw	> 2000 mg/kg bw	> 5.10 mg/L
Tungsten	> 2000 mg/kg bw	> 2000 mg/kg bw	> 5.4 mg/L

Information on toxicological effects

Symptoms May cause sensitisation by skin contact. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause acute gastrointestinal effects if swallowed.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	Harmful if swallowed. Cobalt-containing powders may be fatal if inhaled.
Skin corrosion/irritation	Product not classified.
Serious eye damage/eye irritation	Product not classified.
Sensitisation	May cause sensitisation by skin contact. Cobalt-containing alloys may cause sensitization by inhalation.
Germ cell mutagenicity	Product not classified.
Carcinogenicity	May cause cancer by inhalation.

Chemical Name	ACGIH	IARC	NTP	OSHA
Cobalt 7440-48-4	A3	Group 2A Group 2B	Known	X
Nickel 7440-02-0		Group 1 Group 2B	Known Reasonably Anticipated	X
Chromium 7440-47-3		Group 3		

Reproductive toxicity	Possible risk of impaired fertility.
STOT - single exposure	Product not classified.
STOT - repeated exposure	Causes disorder and damage to the respiratory system.
Aspiration hazard	Product not classified.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

This product as shipped is classified for aquatic chronic toxicity This product as shipped is classified for aquatic acute toxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea
Iron	-	The 96 h LC50 of 50% iron oxide black in water to Danio rerio was greater than 10,000 mg/L.	The 3 h EC50 of iron oxide for activated sludge was greater than 10,000 mg/L.	The 48 h EC50 of iron oxide to Daphnia magna was greater than 100 mg/L.
Cobalt	The 72 h EC50 of cobalt dichloride to Pseudokirchneriella subcapitata was 144 ug of Co/L.	The 96h LC50 of cobalt dichloride ranged from 1.5 mg Co/L for Oncorhynchus mykiss to 85 mg Co/L for Danio rerio.	The 3 h EC50 of cobalt dichloride for activated sludge was 120 mg of Co/L.	The 48 h LC50 of cobalt dichloride ranged from 0.61 mg Co/L for Ceriodaphnia dubia tested in soft, DOM-free water to >1800mg Co/L for Tubifex tubifex in very hard water.
Nickel	NOEC/EC10 values range from 12.3 µg/l for Scenedesmus accuminatus to 425 µg/l for Pseudokirchneriella subcapitata.	The 96h LC50s values range from 0.4 mg Ni/L for Pimephales promelas to 320 mg Ni/L for Brachydanio rerio.	The 30 min EC50 of nickel for activated sludge was 33 mg Ni/L.	The 48h LC50s values range from 0.013 mg Ni/L for Ceriodaphnia dubia to 4970 mg Ni/L for Daphnia magna.
Chromium	-	-	-	-
Vanadium	The 72 h EC50 of vanadium pentoxide to Desmodemus subspicatus was 2,907 ug of V/L.	The 96 h LC50 of vanadium pentoxide to Pimephales promelas was 1,850 ug of V/L .	The 3 h EC50 of sodium metavanadate for activated sludge was greater than 100 mg/L.	The 48 h EC50 of sodium vanadate to Daphnia magna was 2,661 ug of V/L.
Molybdenum	The 72 h EC50 of sodium molybdate dihydrate to Pseudokirchneriella subcapitata was 362.9 mg of Mo/L.	The 96 h LC50 of sodium molybdate dihydrate to Pimephales promelas was 644.2 mg/L	The 3 h EC50 of molybdenum trioxide for activated sludge was 820 mg/L.	The 48 h LC50 of sodium molybdate dihydrate to Ceriodaphnia dubia was 1,015 mg/L. The 48 h LC50 of sodium molybdate dihydrate to Daphnia magna was greater than 1,727.8 mg/L.
Tungsten	The 72 h EC50 of sodium tungstate to Pseudokirchnerella subcapitata was 31.0 mg of W/L.	The 96 h LC50 of sodium tungstate to Danio rerio was greater than 106 mg of W/L.	The 30 min EC50 of sodium tungstate for activated sludge were greater than 1000 mg/L.	The 48 h EC50 of sodium tungstate to Daphnia magna was greater than 96 mg of W/L.

12.2. Persistence and degradability**12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment**

The PBT and vPvB criteria do not apply to inorganic substances.

12.6. Other adverse effects**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Waste from Residues / Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID no	3288
14.2 Proper shipping name	Toxic solid, inorganic, n.o.s. (Nickel/cobalt alloy powder)
14.3 Hazard Class	6.1
14.4 Packing Group	I
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	Follow Emergency Response Guidebook, Guide No. 152, Except for Fire follow EmergencyResponse Guidebook, Guide No. 170
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

RID

14.1 UN/ID no	3288
14.2 Proper shipping name	Toxic solid, inorganic, n.o.s. (Nickel/cobalt alloy powder)
14.3 Hazard Class	6.1
14.4 Packing Group	I
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	Follow Emergency Response Guidebook, Guide No. 152, Except for Fire follow EmergencyResponse Guidebook, Guide No. 170

ADR

14.1 UN/ID no	3288
14.2 Proper shipping name	Toxic solid, inorganic, n.o.s. (Nickel/cobalt alloy powder)
14.3 Hazard Class	6.1
14.4 Packing Group	I
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	Follow Emergency Response Guidebook, Guide No. 152, Except for Fire follow EmergencyResponse Guidebook, Guide No. 170

ICAO (air)

14.1 UN/ID no	3288
14.2 Proper shipping name	Toxic solid, inorganic, n.o.s. (Nickel/cobalt alloy powder)
14.3 Hazard Class	6.1
14.4 Packing Group	I
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	Follow Emergency Response Guidebook, Guide No. 152, Except for Fire follow Emergency Response Guidebook, Guide No. 170

IATA

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Toxic solid, inorganic, n.o.s. (Nickel/cobalt alloy powder)
14.3 Hazard Class	6.1
14.4 Packing Group	I
Description	.
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	Follow Emergency Response Guidebook, Guide No. 152, Except for Fire follow Emergency Response Guidebook, Guide No. 170

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Name	French RG number	Title
Iron 7439-89-6	RG 44, RG 44bis, RG 94	-
Cobalt 7440-48-4	RG 65, RG 70, RG 70bis, RG 70ter	-
Nickel 7440-02-0	RG 37ter	-
Chromium 7440-47-3	RG 10	-
Vanadium 7440-62-2	RG 66	-
Molybdenum 7439-98-7	-	-
Tungsten 7440-33-7	-	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

International Inventories

DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No chemical safety assessment has been performed for this product.

Section 16: OTHER INFORMATION

Issue Date	28-May-2015
Revision Date	12-Jan-2016
Revision Note	Updated Section 14.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Note:

The information provided in this Material 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 a guidance for safe handling, use, processing, storage,

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

**Additional information available
from:**

Safety data sheets and labels available at ATImetals.com