

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or

Copper Beryllium Master Alloy

designation of the mixture

Registration number

Document number A17

Synonyms Copper Beryllium Alloy 31-January-2016 **Issue date**

Version number 08

Revision date 27-April-2021 Supersedes date 11-January-2021

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

Identified uses Industrial uses: Uses of substances as such or in preparations at industrial sites

Offshore industries

Manufacture of basic metals, including alloys

Manufacture of fabricated metal products, except machinery and equipment Manufacture of computer, electronic and optical products, electrical equipment

General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Electricity, steam, gas water supply and sewage treatment

Scientific research and development

Other: Manufacture of medical and defense equipment

1.3. Details of the supplier of the safety data sheet

Materion Brush Inc. 6070 Parkland Boulevard Mayfield Heights, OH 44124

United States ehs@materion.com www.materion.com +1.216.383.4019

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

Uses advised against Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Casting, grinding or polishing of beryllium-containing alloys by artists;

Casting, grinding or polishing of beryllium-containing alloys for dental crowns, appliances or

prosthetics;

Casting, grinding or polishing of beryllium-containing alloys for jewelry.

1.3. Details of the supplier of the safety data sheet

Materion Brush Inc. 6070 Parkland Boulevard Mayfield Heights, OH 44124

United States ehs@materion.com www.materion.com +1.216.383.4019

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification

Classification according to Regulation (EC) No 1272/2008 as amended

Material name: Copper Beryllium Master Alloy SDS SLOVAKIA **Health hazards**

Acute toxicity, inhalation Category 4 H332 - Harmful if inhaled.

Skin sensitisation Category 1 H317 - May cause an allergic skin

reaction.

Carcinogenicity Category 1B H350i - May cause cancer by

inhalation.

Specific target organ toxicity - repeated

exposure

Category 2 (Respiratory system)

H373 - May cause damage to organs (respiratory system) through prolonged or repeated exposure by inhalation.

Hazard summary Harmful if inhaled. May cause an allergic skin reaction. May cause cancer. Causes damage to

organs (respiratory system) through prolonged or repeated exposure by inhalation.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Beryllium, COPPER FLAKES (COATED WITH ALIPHATIC ACID)

Hazard pictograms



Signal word Danger

Hazard statements

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H350i May cause cancer by inhalation.

H373 May cause damage to organs (respiratory system) through prolonged or repeated exposure by

inhalation.

Precautionary statements

Prevention

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of inadequate ventilation wear respiratory protection.

Response

P302 + P350 If on skin: Wash with plenty of water.

P308 + P311 If exposed or concerned: Call a poison centre/doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms: Call a poison centre/doctor.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label

information

Exposure to the elements listed in Section 3 by inhalation, ingestion, and skin contact can occur when melting, casting, dross handling, pickling, chemical cleaning, heat treating, abrasive cutting,

welding, grinding, sanding, polishing, milling, crushing, or otherwise heating or abrading the

surface of this material in a manner which generates particulate.

For further information, please contact the Product Stewardship Department at +1.216.383.4019.

Restrict to professional users.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Material name: Copper Beryllium Master Alloy

SDS SLOVAKIA

27.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

20.10

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
COPPER FLAKES (COATED WITH ALIPHATIC ACID)	95,5 - 96,5	7440-50-8 231-159-6	01-2119480154-42-0080	-	
Classification	1: -				
Beryllium	3,5 - 4,5	7440-41-7 231-150-7	01-2119487146-32-0000	004-001-00-7	#
Classification			2;H315, Skin Sens. 1;H317, E FOT SE 3;H335, Carc. 1B;H35	•	

SECTION 4: First aid measures

General information

If exposed or concerned: get medical attention/advice. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. As supplied, there is no immediate medical risk with beryllium products in article form. First aid measures provided are related to particulate containing beryllium.

4.1. Description of first aid measures

Inhalation

If symptoms develop move victim to fresh air. For breathing difficulties, oxygen may be necessary. Breathing difficulty caused by inhalation of particulate requires immediate removal to fresh air. If breathing has stopped, perform artificial respiration and obtain medical help.

Skin contact

Take off contaminated clothing and wash before reuse. Thoroughly wash skin cuts or wounds to remove all particulate debris from the wound. Seek medical attention for wounds that cannot be thoroughly cleansed. Treat skin cuts and wounds with standard first aid practices such as cleansing, disinfecting and covering to prevent wound infection and contamination before continuing work. Obtain medical help for persistent irritation. Material accidentally implanted or lodged under the skin must be removed.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if symptoms persist.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

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

Prolonged exposure may cause chronic effects.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment of Chronic Beryllium Disease: There is no known treatment which will cure chronic beryllium disease. Prednisone or other corticosteroids are the most specific treatment currently available. They are directed at suppressing the immunological reaction and can be effective in diminishing signs and symptoms of chronic beryllium disease. In cases where steroid therapy has had only partial or minimal effectiveness, other immunosuppressive agents, such as cyclophosphamide, cyclosporine, or methotrexate, have been used. In view of the potential side effects of all the immunosuppressive medications, including steroids such as prednisone, they should be used only under the direct care of a physician. Other treatment, such as oxygen, inhaled steroids or bronchodilators, may be prescribed by some physicians and can be effective in selected cases. In general, treatment is reserved for cases with significant symptoms and/or significant loss of lung function. The decision about when and with what medication to treat is a judgment situation for individual physicians.

In their 2014 official statement on the Diagnosis and Management of Beryllium Sensitivity and Chronic Beryllium Disease, the American Thoracic Society states that "it seems prudent for workers with BeS to avoid all future occupational exposure to beryllium."

Do not use water to extinguish fires around operations involving molten metal due to the potential

SECTION 5: Firefighting measures

General fire hazards

Not available.

5.1. Extinguishing media

Suitable extinguishing

media

The product is non-combustible. Use extinguishing measures that are appropriate to loca circumstances and the surrounding environment.

Unsuitable extinguishing media

Not available.

for steam explosions.

5.2. Special hazards arising from the substance or mixture

Material name: Copper Beryllium Master Alloy SDS SLOVAKIA 5.3. Advice for firefighters

Special protective equipment for firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Special firefighting

procedures

Move containers from fire area if you can do so without risk. Water runoff can cause environmental

damage.

Specific methods Pressure-demand self-contained breathing apparatus must be worn by firefighters or any other

persons potentially exposed to the particulate released during or after a fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

In solid form this material poses no special clean-up problems. Wear appropriate protective

equipment and clothing during clean-up.

For emergency responders

Not available.

6.2. Environmental precautions

Avoid release to the environment. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Clean up in accordance with all applicable regulations.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimise dust generation and accumulation. Do not breathe dust/fume. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection. Wash thoroughly after handling. When using, do not eat, drink or smoke. Contaminated work clothing must not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Keep locked up. Avoid contact with acids and alkalies. Avoid contact with oxidising agents.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Slovakia. OELs for carcinogens a Components	and mutagens. Regulation N Type	o. 46/2002 on carcinogenic a Value	nd mutagenic substance Form				
Beryllium (CAS 7440-41-7)	TWA	0,002 mg/m3	Inhalable fraction.				
Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents Components Type Value Form							
COPPER FLAKES (COATED WITH ALIPHATIC ACID) (CAS 7440-50-8)	TWA	1 mg/m3	Inhalable fraction.				
		0,2 mg/m3	Respirable fume.				
EU. OELs, Directive 2004/37/EO		-	-				
Components	Туре	Value	Form				
Beryllium (CAS 7440-41-7)	TWA	0,0002 mg/m3	Inhalable fraction.				

Biological limit values No biological exposure limits noted for the ingredient(s).

Material name: Copper Beryllium Master Alloy SDS SLOVAKIA 4/9

1727 Version #: 08 Revision date: 27-April-2021 Issue date: 31-January-2016

Recommended monitoring procedures

VENTILATION: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Ensure adequate ventilation, especially in confined areas.

Whenever possible, the use of local exhaust ventilation or other engineering controls is the preferred method of controlling exposure to airborne particulate. Where utilized, exhaust inlets to the ventilation system must be positioned as close as possible to the source of airborne generation. Avoid disruption of the airflow in the area of a local exhaust inlet by equipment such as a man-cooling fan. Check ventilation equipment regularly to ensure it is functioning properly. Provide training on the use and operation of ventilation to all users. Use qualified professionals to design and install ventilation systems.

WET METHODS: Machining operations are usually performed under a liquid lubricant/coolant flood which assists in reducing airborne particulate. However, the cycling through of machine coolant containing finely divided particulate in suspension can result in the concentration building to a point where the particulate may become airborne during use. Certain processes such as sanding and grinding may require complete hooded containment and local exhaust ventilation. Prevent coolant from splashing onto floor areas, external structures or operators' clothing. Utilize a coolant filtering system to remove particulate from the coolant.

WORK PRACTICES: Develop work practices and procedures that prevent particulate from coming in contact with worker skin, hair, or personal clothing. If work practices and/or procedures are ineffective in controlling airborne exposure or visual particulate from deposition on skin, hair, or clothing, provide appropriate cleaning/washing facilities. Procedures should be written that clearly communicate the facility's requirements for protective clothing and personal hygiene. These clothing and personal hygiene requirements help keep particulate from being spread to non-production areas or from being taken home by the worker. Never use compressed air to clean work clothing or other surfaces.

Fabrication processes may leave a residue of particulate on the surface of parts, products or equipment that could result in employee exposure during subsequent material handling activities. As necessary, clean loose particulate from parts between processing steps. As a standard hygiene practice, wash hands before eating or smoking.

HOUSEKEEPING: Use vacuum and wet cleaning methods for particulate removal from surfaces. Be certain to de-energize electrical systems, as necessary, before beginning wet cleaning. Use vacuum cleaners with high efficiency particulate air (HEPA). Do not use compressed air, brooms, or conventional vacuum cleaners to remove particulate from surfaces as this activity can result in elevated exposures to airborne particulate. Follow the manufacturer's instructions when performing maintenance on HEPA filtered vacuums used to clean hazardous materials.

Derived no effect levels (DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering controls

Follow standard monitoring procedures.

Individual protection measures, such as personal protective equipment

General information

Not available.

Eye/face protection

Wear approved safety glasses, goggles, face shield and/or welder's helmet when risk of eye injury is present, particularly during operations that generate dust, mist or fume.

Skin protection

- Hand protection

Wear gloves to prevent contact with particulate or solutions. Wear gloves to prevent metal cuts and skin abrasions during handling.

- Other

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Protective overgarments or work clothing must be worn by persons who may become contaminated with particulate during activities. Skin contact with this material may cause, in some sensitive individuals, an allergic dermal response. Particulate that becomes lodged under the skin has the potential to induce sensitization and skin

lesions.

Material name: Copper Beryllium Master Alloy

Respiratory protection When airborne exposures exceed or have the potential to exceed the occupational exposure limits,

approved respirators must be used as specified by an Industrial Hygienist or other qualified professional. Respirator users must be medically evaluated to determine if they are physically capable of wearing a respirator. Quantitative and/or qualitative fit testing and respirator training must be satisfactorily completed by all personnel prior to respirator use. Users of tight fitting respirators must be clean shaven on those areas of the face where the respirator seal contacts the face. Use pressure-demand airline respirators when performing jobs with high potential exposures such as changing filters in a baghouse air cleaning device.

Thermal hazards Not applicable.

Hygiene measures Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure

controls

Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Solid.

Form Various shapes.

Colour Copper.

Odour Not applicable. **Odour threshold** Not applicable. Not applicable.

Melting point/freezing point 871,11 - 1071,11 °C (1600 - 1960 °F) / Not applicable.

Initial boiling point and

boiling range

Not applicable.

Flash point Not applicable. **Evaporation rate** Not applicable. Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Not applicable.

Flammability limit -

upper (%)

Not applicable.

Explosive limit - lower (

Not applicable.

Explosive limit – upper

(%)

Not applicable.

Vapour pressure 0,00001 hPa estimated

Vapour density Not applicable. **Relative density** Not applicable.

Solubility(ies)

Solubility (water) Not applicable. Solubility (other) Not applicable. **Partition coefficient** Not available.

(n-octanol/water)

Auto-ignition temperature Not applicable. **Decomposition temperature** Not applicable. Not applicable. **Viscosity Explosive properties** Not applicable. **Oxidising properties** Not applicable.

9.2. Other information

8,62 g/cm3 estimated **Density**

Flammability Not applicable. Specific gravity 8,62 estimated

SECTION 10: Stability and reactivity

10.1. Reactivity Not available. 10.2. Chemical stability Material is stable under normal conditions. 10.3. Possibility of hazardous Hazardous polymerisation does not occur.

reactions

10.4. Conditions to avoid Avoid dust formation. Contact with acids. Contact with alkalis.

10.5. Incompatible materials Strong acids, alkalies and oxidizing agents.

10.6. Hazardous No hazardous decomposition products are known.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation May cause damage to organs (respiratory system) through prolonged or repeated exposure.

Skin contact Not likely, due to the form of the product. **Eye contact** Not likely, due to the form of the product. Ingestion Not likely, due to the form of the product.

Symptoms Respiratory disorder.

11.1. Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Not likely, due to the form of the product. Skin corrosion/irritation Serious eye damage/eye Not likely, due to the form of the product.

irritation

Respiratory sensitisation May cause damage to organs (respiratory system) through prolonged or repeated exposure.

Skin sensitisation Not a skin sensitiser.

Germ cell mutagenicity Due to lack of data the classification is not possible.

Carcinogenicity Cancer hazard.

IARC Monographs. Overall Evaluation of Carcinogenicity

Beryllium (CAS 7440-41-7) 1 Carcinogenic to humans.

Reproductive toxicity Not classified. Specific target organ toxicity Not classified.

- single exposure

Specific target organ toxicity

- repeated exposure

May cause damage to organs (respiratory system) through prolonged or repeated exposure by

Test Results

Due to lack of data the classification is not possible. **Aspiration hazard**

Mixture versus substance

information

Not available.

Other information Symptoms may be delayed.

SECTION 12: Ecological information

12.1. Toxicity

Product

<i>Acute</i> Fish	1.050	Fich	0.0191 mg/l 96 hours estimated
Fish	LC50	Fish	0,0191 mg/l, 96 hours estimated

Species

COPPER FLAKES (COATED WITH ALIPHATIC ACID) (CAS 7440-50-8)

Aquatic

Acute

Fish LC50 Fathead minnow (Pimephales promelas) 0,0184 - 0,042 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

12.2. Persistence and

No data is available on the degradability of this product.

degradability

12.3. Bioaccumulative Not available.

potential

Material name: Copper Beryllium Master Alloy SDS SLOVAKIA **Partition coefficient**

n-octanol/water (log Kow)

Not available.

Bioconcentration factor (BCF)

Not available. 12.4. Mobility in soil Not available.

12.5. Results of PBT and

methods/information

vPvB assessment

Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Empty containers or liners may retain some product residues. This material and its container must

be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company. Waste codes should be assigned by the user based on the application for which

the product was used.

Disposal Material should be recycled if possible. Disposal recommendations are based on material as

supplied. Disposal must be in accordance with current applicable laws and regulations, and material

characteristics at time of disposal.

SECTION 14: Transport information

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended COPPER FLAKES (COATED WITH ALIPHATIC ACID) (CAS 7440-50-8)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Beryllium (CAS 7440-41-7)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Beryllium (CAS 7440-41-7)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Beryllium (CAS 7440-41-7)

COPPER FLAKES (COATED WITH ALIPHATIC ACID) (CAS 7440-50-8)

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Young people under 18 years old are not allowed to work with this product according to EU Directive

94/33/EC on the protection of young people at work.

National regulations Young people under 18 years old are not allowed to work with this product according to EU

Directive 94/33/EC on the protection of young people at work.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations Not available. Not available. References Information on evaluation Not available.

method leading to the classification of mixture

Training information

Not available.

Further information Transportation Emergency

Call Chemtrec at:

International: 703.741.5970 Spain: 900.868.538 Switzerland: 0800.564.402

Chemtrec's toll free, mobile-enabled number in Germany - 0800 1817059

Disclaimer

This document has been prepared using data from sources considered to be technically reliable and the information is believed to be correct. Materion makes no warranties, expressed or implied, as to the accuracy of the information contained herein. Materion cannot anticipate all conditions under which this information and its products may be used and the actual conditions of use are beyond its control. The user is responsible to evaluate all available information when using this product for any

particular use and to comply with all Federal, State, Provincial and Local laws, statutes and

regulations.

To avoid any misunderstandings or incorrect assumptions by the receiver of the safety information, it should be made clear that the supplied information is not in the form of a Safety Data Sheet (SDS), but is actually a voluntary Product Information Sheet closely following the guidelines of the Safety Data Sheet - COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 (REACH/SDS).

SDS SLOVAKIA

1727 Version #: 08 Revision date: 27-April-2021 Issue date: 31-January-2016