



PRODUCT INFORMATION SHEET

MATERION

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

1.1. Product identifier

| | |
|------------------------------|-----------------------|
| Name of the substance | Molybdenum Targets |
| Identification number | 231-107-2 (EC number) |
| Registration number | - |
| Document number | G68 |
| Synonyms | None. |
| Issue date | 17-January-2020 |
| Version number | 02 |
| Revision date | 24-September-2021 |
| Supersedes date | 17-January-2020 |

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

| | |
|-----------------------------|--|
| Identified uses | Manufacture of computer, electronic and optical products, electrical equipment Scientific research and development Other: Manufacture of medical and defense equipment |
| Uses advised against | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Consumer uses: Private households (= general public = consumers) |

1.3. Details of the supplier of the product information sheet

Supplier

| | |
|-----------------------|--|
| Company name | Materion Advanced Materials |
| Address | 6070 Parkland Boulevard Mayfield Heights, OH 44124 United States |
| Division | |
| Telephone | 1.216.383.4019 |
| e-mail | ehs@materion.com |
| Contact person | Theodore Knudson |

1.4. Emergency telephone number

See Section 16.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

| | |
|-----------------------|---|
| Hazard summary | The material as sold in solid form is generally not considered hazardous. However, if the process involves grinding, melting, cutting or any other process that causes a release of dust or fumes, hazardous levels of airborne particulate could be generated. |
|-----------------------|---|

2.2. Label elements

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

| | |
|--------------------------|--|
| Hazard pictograms | None. |
| Signal word | None. |
| Hazard statements | The products are classified as articles and, as such, do not present a physical or health hazard in the present form. If the products are processed or handled in ways that generate particles (dust, fume, particles and/or powder), a potential health hazard could exist and risk management measures must be taken to minimize risk. |

Precautionary statements

| | |
|-------------------|--|
| Prevention | Observe good industrial hygiene practices. |
| Response | Wash hands after handling. |
| Storage | Store away from incompatible materials. |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. |

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

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.1. Substances

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---------------|------|------------------------|------------------------|-----------|-------|
| Molybdenum | 99,9 | 7439-98-7 231-107-2 | - | - | |

Classification: -

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed None known.

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

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture This product is not flammable.

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

Special firefighting procedures Use water spray to cool unopened containers.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. For personal protection, see section 8 of the PIS.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the PIS.

6.2. Environmental precautions Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the PIS.

6.4. Reference to other sections Not available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities Store away from incompatible materials (see Section 10 of the PIS).

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

| Material | Type | Value | Form |
|----------------------------|------|----------------------|---------------------|
| Molybdenum Targets | MAK | 10 mg/m ³ | Inhalable fraction. |
| | STEL | 20 mg/m ³ | Inhalable fraction. |
| Components | Type | Value | Form |
| Molybdenum (CAS 7439-98-7) | MAK | 10 mg/m ³ | Inhalable fraction. |
| | STEL | 20 mg/m ³ | Inhalable fraction. |

Belgium. Exposure Limit Values

| Material | Type | Value |
|----------------------------|------|----------------------|
| Molybdenum Targets | TWA | 10 mg/m ³ |
| Components | Type | Value |
| Molybdenum (CAS 7439-98-7) | TWA | 10 mg/m ³ |

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

| Material | Type | Value |
|----------------------------|------|----------------------|
| Molybdenum Targets | TWA | 10 mg/m ³ |
| Components | Type | Value |
| Molybdenum (CAS 7439-98-7) | TWA | 10 mg/m ³ |

Czech Republic. OELs. Government Decree 361

| Material | Type | Value |
|----------------------------|---------|----------------------|
| Molybdenum Targets | Ceiling | 25 mg/m ³ |
| | TWA | 5 mg/m ³ |
| Components | Type | Value |
| Molybdenum (CAS 7439-98-7) | Ceiling | 25 mg/m ³ |
| | TWA | 5 mg/m ³ |

Denmark. Exposure Limit Values

| Material | Type | Value |
|----------------------------|------|----------------------|
| Molybdenum Targets | TLV | 10 mg/m ³ |
| Components | Type | Value |
| Molybdenum (CAS 7439-98-7) | TLV | 10 mg/m ³ |

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

| Material | Type | Value | Form |
|--------------------|------|----------------------|----------------------------------|
| Molybdenum Targets | TWA | 5 mg/m ³ | Fine dust, respiratory fraction |
| | | 10 mg/m ³ | Total dust, respiratory fraction |

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

| Components | Type | Value | Form |
|----------------------------|------|----------------------|----------------------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 5 mg/m ³ | Fine dust, respiratory fraction |
| | | 10 mg/m ³ | Total dust, respiratory fraction |

Finland. Workplace Exposure Limits

| Material | Type | Value |
|--------------------|------|-----------------------|
| Molybdenum Targets | TWA | 0,5 mg/m ³ |

| Components | Type | Value |
|----------------------------|------|-----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 0,5 mg/m ³ |

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

| Material | Type | Value |
|--------------------|------|----------------------|
| Molybdenum Targets | STEL | 60 mg/m ³ |
| | TWA | 15 mg/m ³ |

| Components | Type | Value |
|----------------------------|------|----------------------|
| Molybdenum (CAS 7439-98-7) | STEL | 60 mg/m ³ |
| | TWA | 15 mg/m ³ |

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

| Material | Type | Value |
|--------------------|------|----------------------|
| Molybdenum Targets | TWA | 10 mg/m ³ |

| Components | Type | Value |
|----------------------------|------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 10 mg/m ³ |

Ireland. Occupational Exposure Limits

| Material | Type | Value | Form |
|--------------------|------|----------------------|----------------------|
| Molybdenum Targets | TWA | 3 mg/m ³ | Respirable fraction. |
| | | 10 mg/m ³ | Inhalable fraction. |

| Components | Type | Value | Form |
|----------------------------|------|----------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 3 mg/m ³ | Respirable fraction. |
| | | 10 mg/m ³ | Inhalable fraction. |

Italy. Occupational Exposure Limits

| Material | Type | Value | Form |
|--------------------|------|----------------------|----------------------|
| Molybdenum Targets | TWA | 3 mg/m ³ | Respirable fraction. |
| | | 10 mg/m ³ | Inhalable fraction. |

| Components | Type | Value | Form |
|----------------------------|------|----------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 3 mg/m ³ | Respirable fraction. |
| | | 10 mg/m ³ | Inhalable fraction. |

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

| Material | Type | Value | Form |
|--------------------|------|----------------------|----------------------|
| Molybdenum Targets | TWA | 5 mg/m ³ | Respirable fraction. |
| | | 5 mg/m ³ | |
| | | 10 mg/m ³ | Inhalable fraction. |

| Components | Type | Value | Form |
|----------------------------|------|---------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 5 mg/m ³ | Respirable fraction. |
| | | 5 mg/m ³ | |

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

| Components | Type | Value | Form |
|------------|------|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |

Norway. Administrative Norms for Contaminants in the Workplace

| Material | Type | Value |
|----------|------|-------|
|----------|------|-------|

| | | |
|--------------------|-----|----------------------|
| Molybdenum Targets | TLV | 10 mg/m ³ |
|--------------------|-----|----------------------|

| Components | Type | Value |
|------------|------|-------|
|------------|------|-------|

| | | |
|----------------------------|-----|----------------------|
| Molybdenum (CAS 7439-98-7) | TLV | 10 mg/m ³ |
|----------------------------|-----|----------------------|

Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817

| Material | Type | Value |
|----------|------|-------|
|----------|------|-------|

| | | |
|--------------------|------|----------------------|
| Molybdenum Targets | STEL | 10 mg/m ³ |
|--------------------|------|----------------------|

| | | |
|--|-----|---------------------|
| | TWA | 4 mg/m ³ |
|--|-----|---------------------|

| Components | Type | Value |
|------------|------|-------|
|------------|------|-------|

| | | |
|----------------------------|------|----------------------|
| Molybdenum (CAS 7439-98-7) | STEL | 10 mg/m ³ |
|----------------------------|------|----------------------|

| | | |
|--|-----|---------------------|
| | TWA | 4 mg/m ³ |
|--|-----|---------------------|

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

| Material | Type | Value | Form |
|----------|------|-------|------|
|----------|------|-------|------|

| | | | |
|--------------------|-----|---------------------|----------------------|
| Molybdenum Targets | TWA | 3 mg/m ³ | Respirable fraction. |
|--------------------|-----|---------------------|----------------------|

| | | | |
|--|--|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |
|--|--|----------------------|---------------------|

| Components | Type | Value | Form |
|------------|------|-------|------|
|------------|------|-------|------|

| | | | |
|----------------------------|-----|---------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 3 mg/m ³ | Respirable fraction. |
|----------------------------|-----|---------------------|----------------------|

| | | | |
|--|--|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |
|--|--|----------------------|---------------------|

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

| Material | Type | Value |
|----------|------|-------|
|----------|------|-------|

| | | |
|--------------------|------|----------------------|
| Molybdenum Targets | STEL | 10 mg/m ³ |
|--------------------|------|----------------------|

| | | |
|--|-----|---------------------|
| | TWA | 5 mg/m ³ |
|--|-----|---------------------|

| Components | Type | Value |
|------------|------|-------|
|------------|------|-------|

| | | |
|----------------------------|------|----------------------|
| Molybdenum (CAS 7439-98-7) | STEL | 10 mg/m ³ |
|----------------------------|------|----------------------|

| | | |
|--|-----|---------------------|
| | TWA | 5 mg/m ³ |
|--|-----|---------------------|

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

| Material | Type | Value | Form |
|----------|------|-------|------|
|----------|------|-------|------|

| | | | |
|--------------------|-----|---------------------|----------------------|
| Molybdenum Targets | TWA | 5 mg/m ³ | Respirable fraction. |
|--------------------|-----|---------------------|----------------------|

| | | |
|--|--|---------------------|
| | | 5 mg/m ³ |
|--|--|---------------------|

| | | | |
|--|--|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |
|--|--|----------------------|---------------------|

| Components | Type | Value | Form |
|------------|------|-------|------|
|------------|------|-------|------|

| | | | |
|----------------------------|-----|---------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 5 mg/m ³ | Respirable fraction. |
|----------------------------|-----|---------------------|----------------------|

| | | |
|--|--|---------------------|
| | | 5 mg/m ³ |
|--|--|---------------------|

| | | | |
|--|--|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |
|--|--|----------------------|---------------------|

Spain. Occupational Exposure Limits

| Material | Type | Value | Form |
|----------|------|-------|------|
|----------|------|-------|------|

| | | | |
|--------------------|-----|---------------------|----------------------|
| Molybdenum Targets | TWA | 3 mg/m ³ | Respirable fraction. |
|--------------------|-----|---------------------|----------------------|

| | | | |
|--|--|----------------------|---------------------|
| | | 10 mg/m ³ | Inhalable fraction. |
|--|--|----------------------|---------------------|

| Components | Type | Value | Form |
|------------|------|-------|------|
|------------|------|-------|------|

| | | | |
|----------------------------|-----|---------------------|----------------------|
| Molybdenum (CAS 7439-98-7) | TWA | 3 mg/m ³ | Respirable fraction. |
|----------------------------|-----|---------------------|----------------------|

Spain. Occupational Exposure Limits Components**Type****Value****Form**

10 mg/m3

Inhalable fraction.

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)**Material****Type****Value****Form**

Molybdenum Targets

TWA

5 mg/m3

Respirable dust.

10 mg/m3

Total dust.

Components**Type****Value****Form**

Molybdenum (CAS 7439-98-7)

TWA

5 mg/m3

Respirable dust.

10 mg/m3

Total dust.

Switzerland. SUVA Grenzwerte am Arbeitsplatz**Material****Type****Value****Form**

Molybdenum Targets

TWA

10 mg/m3

Inhalable fraction.

Components**Type****Value****Form**

Molybdenum (CAS 7439-98-7)

TWA

10 mg/m3

Inhalable fraction.

UK. EH40 Workplace Exposure Limits (WELs)**Material****Type****Value**

Molybdenum Targets

STEL

20 mg/m3

TWA

10 mg/m3

Components**Type****Value**

Molybdenum (CAS 7439-98-7)

STEL

20 mg/m3

TWA

10 mg/m3

Biological limit values

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

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls**Appropriate engineering controls**

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.

Individual protection measures, such as personal protective equipment**General information**

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

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 metal cuts and skin abrasions during handling.

- Other

Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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 | Solid. |
| Colour | Silver-white. |
| Odour | None. |
| Odour threshold | Not applicable. |
| pH | Not applicable. |
| Melting point/freezing point | 2622 °C (4751,6 °F) / Not applicable. |
| Initial boiling point and boiling range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | None known. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not applicable. |
| Flammability limit - upper (%) | Not applicable. |
| Flammability limit - upper (%) temperature | Not applicable. |
| Explosive limit - lower (%) | Not applicable. |
| Explosive limit - lower (%) temperature | Not applicable. |
| Explosive limit – upper (%) | Not applicable. |
| Explosive limit - upper (%) temperature | Not applicable. |
| Vapour pressure | Not applicable. |
| Vapour pressure temp. | Not applicable. |
| Vapour density | Not applicable. |
| Relative density | Not applicable. |
| Solubility(ies) | |
| Solubility (water) | Insoluble |
| Partition coefficient (n-octanol/water) | Not applicable. |
| Auto-ignition temperature | Not applicable. |
| Decomposition temperature | Not applicable. |
| Viscosity | Not applicable. |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| 9.2. Other information | |
| Density | 10,28 g/cm ³ estimated |
| Molecular formula | Mo |
| Molecular weight | 95,94 g/mol |

SECTION 10: Stability and reactivity

| | |
|---|---|
| 10.1. Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2. Chemical stability | Material is stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4. Conditions to avoid | Contact with incompatible materials. |
| 10.5. Incompatible materials | Strong oxidising agents. |
| 10.6. Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION 11: Toxicological information

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

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | Not classified. |
| Skin contact | Not relevant, due to the form of the product. |
| Eye contact | Not likely, due to the form of the product. |
| Ingestion | Expected to be a low ingestion hazard. |

Symptoms None known.

11.1. Information on toxicological effects

| | |
|--|---|
| Acute toxicity | None known. |
| Skin corrosion/irritation | Not relevant, due to the form of the product. |
| Serious eye damage/eye irritation | Not likely, due to the form of the product. |
| Respiratory sensitisation | Not a respiratory sensitizer. |
| Skin sensitisation | Not a skin sensitiser. |
| Germ cell mutagenicity | Not classified. |
| Carcinogenicity | Not classifiable as to carcinogenicity to humans. |

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

| | |
|---|---------------------------|
| Reproductive toxicity | Not classified. |
| Specific target organ toxicity - single exposure | Not classified. |
| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Mixture versus substance information | No information available. |
| Other information | Not available. |

SECTION 12: Ecological information

| | |
|--|---|
| 12.1. Toxicity | Due to partial or complete lack of data the classification for hazardous to the aquatic environment, is not possible. |
| 12.2. Persistence and degradability | No data is available on the degradability of this substance. |
| 12.3. Bioaccumulative potential | No data available. |
| Partition coefficient n-octanol/water (log Kow) | Not available. |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | No data available. |
| 12.5. Results of PBT and vPvB assessment | Not a PBT or vPvB substance or mixture. |
| 12.6. Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |
| 12.7. Additional information | |

Estonia Dangerous substances in soil Data

| | |
|----------------------------|---|
| Molybdenum (CAS 7439-98-7) | Molybdenum (Mo) 10 mg/kg Molybdenum (Mo) 20 mg/kg Molybdenum (Mo) 200 mg/kg |
|----------------------------|---|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. 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 | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| EU waste code | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. |
| Special precautions | Dispose in accordance with all applicable regulations. |

SECTION 14: Transport information

ADR

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

RID

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

ADN

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

Other EU regulations

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

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

| | |
|--|---|
| National regulations | Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. |
| 15.2. Chemical safety assessment | No Chemical Safety Assessment has been carried out. |
| SECTION 16: Other information | |
| List of abbreviations | Not available. |
| References | Not available. |
| Information on evaluation method leading to the classification of mixture | Not applicable. |
| Training information | Follow training instructions when handling this material. |
| Further information | <p>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</p> |
| Disclaimer | <p>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.</p> <p>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).</p> |