



# SAFETY DATA SHEET

**MATERION**

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

### 1.1. Product identifier

|                              |  |
|------------------------------|--|
| <b>Name of the substance</b> | Strontium Sulfide (SrS)  |
| <b>Identification number</b> | 215-249-2 (EC number)  |
| <b>Synonyms</b>              | Strontium sulfide * STRONTIUM MONOSULFIDE * Strontium sulphide |
| <b>Document number</b>       | 1VV  |
| <b>Materion Code</b>         | 1VV  |
| <b>Issue date</b>            | 12-May-2017  |
| <b>Version number</b>        | 03   |
| <b>Revision date</b>         | 12-January-2018  |
| <b>Supersedes date</b>       | 14-September-2017  |

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

|                             |                |
|-----------------------------|----------------|
| <b>Identified uses</b>      | Not available. |
| <b>Uses advised against</b> | None known.    |

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

|                       |   |
|-----------------------|---|
| <b>Company name</b>   | Materion Advanced Chemicals Inc.  |
| <b>Address</b>        | 407 N. 13th Street<br>1316 W. St. Paul Avenue<br>Milwaukee, WI 53233<br>United States |
| <b>Division</b>       | Milwaukee   |
| <b>Telephone</b>      | 414.212.0257  |
| <b>e-mail</b>         | advancedmaterials@materion.com  |
| <b>Contact person</b> | Noreen Atkinson   |

### 1.4. Emergency telephone number

## 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

##### Health hazards

|                                   |             |   |
|-----------------------------------|-------------|---|
| Skin corrosion/irritation         | Category 1C | H314 - Causes severe skin burns and eye damage. |
| Serious eye damage/eye irritation | Category 1  | H318 - Causes serious eye damage.               |

**Hazard summary** DANGER

Material reacts with water. Corrosive. Causes severe skin burns and eye damage. Exposure to powder or dusts may be irritating to eyes, nose and throat. Occupational exposure to the substance or mixture may cause adverse health effects. Contact with water liberates flammable and poisonous gas. 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

**Contains:** Strontium Sulfide (SrS)

##### Hazard pictograms



**Signal word** Danger

## Hazard statements

|      |  |
|------|--|
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H318 | Causes serious eye damage.               |

## Precautionary statements

### Prevention

|      |  |
|------|--|
| P210 | Observe good industrial hygiene practices.   |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.                             |
| P223 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P231 | Do not allow contact with water.   |
| P231 | Handle and store contents under inert gas/.  |
| P260 | Do not breathe dust.   |
| P264 | Wash thoroughly after handling.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection.                     |
| P284 | Wear respiratory protection.   |

### Response

|                    |  |
|--------------------|--|
| P301 + P330 + P331 | Wash hands after handling.   |
| P303 + P361 + P353 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.   |
|                    | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310               | Immediately call a POISON CENTRE/doctor.   |
| P333 + P313        | If skin irritation or rash occurs: Get medical advice/attention.   |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.   |

### Storage

|      |  |
|------|--|
| P401 | Store away from incompatible materials.                                    |
| P405 | Store in accordance with local/regional/national/international regulation. |
|      | Store locked up.   |

### Disposal

|      |   |
|------|---|
| P501 | Dispose of waste and residues in accordance with local authority requirements.                      |
|      | Dispose of contents/container in accordance with local/regional/national/international regulations. |

## Supplemental label information

100 % of the mixture consists of component(s) of unknown acute oral toxicity. 100 % of the mixture consists of component(s) of unknown acute dermal toxicity. 100 % of the mixture consists of component(s) of unknown acute inhalation toxicity. 100 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. For further information, please contact the Product Stewardship Department at +1.800.862.4118.

## 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 |
|-------------------------|---|------------------------|------------------------|-----------|-------|
| Strontium Sulfide (SrS) | 100   | 1314-96-1<br>215-249-2 | -                      | -         |       |
| <b>Classification:</b>  | Skin Corr. 1C;H314, Skin Irrit. 2;H315, Eye Dam. 1;H318 |                        |                        |           |       |

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 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.

|  |  |
|--|--|
| <b>Skin contact</b>  | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.   |
| <b>Eye contact</b>   | Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.   |
| <b>Ingestion</b>   | Call a physician or poison control centre immediately. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.   |
| <b>4.2. Most important symptoms and effects, both acute and delayed</b>                | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  |
| <b>4.3. Indication of any immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |

## SECTION 5: Firefighting measures

|   |  |
|---|--|
| <b>General fire hazards</b>                                       | Fire hazard. In contact with water releases flammable gases. No unusual fire or explosion hazards noted. |
| <b>5.1. Extinguishing media</b>                                   |  |
| <b>Suitable extinguishing media</b>                               | Not available.   |
| <b>Unsuitable extinguishing media</b>                             | Water. Dry chemical. Carbon dioxide (CO <sub>2</sub> ).  |
| <b>5.2. Special hazards arising from the substance or mixture</b> | Water reactive material.   |
| <b>5.3. Advice for firefighters</b>                               |  |
| <b>Special protective equipment for firefighters</b>              | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.            |
| <b>Special firefighting procedures</b>                            | In case of fire: Evacuate area. Do not get water inside container.                                       |
| <b>Specific methods</b>   | Use standard firefighting procedures and consider the hazards of other involved materials.               |

## SECTION 6: Accidental release measures

|   |  |
|---|--|
| <b>6.1. Personal precautions, protective equipment and emergency procedures</b> |  |
| <b>For non-emergency personnel</b>  | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.   |
| <b>For emergency responders</b>   | Keep unnecessary personnel away.   |
| <b>6.2. Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |
| <b>6.3. Methods and material for containment and cleaning up</b>                | Do not get water on spilled substance or inside containers. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Minimise dust generation and accumulation. Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Stop the flow of material, if this is without risk.<br><br>Large Spills: Wet down with water and dike for later disposal. Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimise spreading or contact with rain. Shovel the material into waste container.<br><br>Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. |
| <b>6.4. Reference to other sections</b>   | For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.  |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not allow water to get into container because of violent reaction and possible flash fire. Minimise dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Never allow product to get in contact with water during storage. Store in original tightly closed container. Store in a well-ventilated place. Keep container dry. Store in a building without sprinklers. Store away from incompatible materials (see Section 10 of the SDS). Store in accordance with local/regional/national/international regulation.

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

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

| Material                                   | Type | Value               |
|--|------|---------------------|
| Strontium Sulfide (SrS)<br>(CAS 1314-96-1) | TWA  | 1 mg/m <sup>3</sup> |

#### 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. If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL (occupational exposure limit), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

#### Individual protection measures, such as personal protective equipment

##### General information

Use personal protective equipment as required. 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

Chemical respirator with organic vapour cartridge, full facepiece, dust and mist filter. Do not get in eyes. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

##### Skin protection

###### - Hand protection

Wear appropriate chemical resistant gloves.

###### - Other

Do not get this material in contact with skin. Do not get this material on clothing. Wear appropriate chemical resistant clothing.

##### Respiratory protection

Do not breathe dust/fume/gas/mist/vapors/spray. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

##### 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.

|   |                          |
|---|--------------------------|
| <b>Form</b>   | Powder.                  |
| <b>Colour</b>                                       | Not available.           |
| <b>Odour</b>  | Not available.           |
| <b>Odour threshold</b>                              | Not available.           |
| <b>pH</b>   | Not available.           |
| <b>Melting point/freezing point</b>                 | 2002 °C (3635,6 °F)      |
| <b>Initial boiling point and boiling range</b>      | Not available.           |
| <b>Flash point</b>                                  | Not available.           |
| <b>Evaporation rate</b>                             | Not available.           |
| <b>Flammability (solid, gas)</b>                    | Not available.           |
| <b>Upper/lower flammability or explosive limits</b> |                          |
| <b>Flammability limit - lower (%)</b>               | Not available.           |
| <b>Flammability limit - upper (%)</b>               | Not available.           |
| <b>Vapour pressure</b>                              | < 0,0000001 kPa at 25 °C |
| <b>Vapour density</b>                               | Not available.           |
| <b>Relative density</b>                             | Not available.           |
| <b>Solubility(ies)</b>                              |                          |
| <b>Solubility (water)</b>                           | Not available.           |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.           |
| <b>Auto-ignition temperature</b>                    | Not available.           |
| <b>Decomposition temperature</b>                    | Not available.           |
| <b>Viscosity</b>                                    | Not available.           |
| <b>Explosive properties</b>                         | Not explosive.           |
| <b>Oxidising properties</b>                         | Not oxidising.           |

## 9.2. Other information

|                          |   |
|--------------------------|---|
| <b>Density</b>           | 3,70 g/cm <sup>3</sup> estimated at 25 °C |
| <b>Molecular formula</b> | S-Sr                                      |
| <b>Molecular weight</b>  | 119,69 g/mol                              |
| <b>Specific gravity</b>  | 3,7 at 25 °C                              |

## SECTION 10: Stability and reactivity

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Dust may irritate respiratory system. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes severe skin burns.  |
| <b>Eye contact</b>  | Causes serious eye damage.   |
| <b>Ingestion</b>    | Causes digestive tract burns.  |

**Symptoms** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes.

### 11.1. Information on toxicological effects

**Acute toxicity** Not known.

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | Causes severe skin burns and eye damage.                                    |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye damage.  |
| <b>Respiratory sensitisation</b>         | Due to partial or complete lack of data the classification is not possible. |
| <b>Skin sensitisation</b>                | Due to partial or complete lack of data the classification is not possible. |
| <b>Germ cell mutagenicity</b>            | Due to partial or complete lack of data the classification is not possible. |
| <b>Carcinogenicity</b>                   | Due to partial or complete lack of data the classification is not possible. |

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

Not listed.

|   |   |
|---|---|
| <b>Reproductive toxicity</b>                              | Due to partial or complete lack of data the classification is not possible. |
| <b>Specific target organ toxicity - single exposure</b>   | Due to partial or complete lack of data the classification is not possible. |
| <b>Specific target organ toxicity - repeated exposure</b> | Due to partial or complete lack of data the classification is not possible. |
| <b>Aspiration hazard</b>                                  | Due to partial or complete lack of data the classification is not possible. |
| <b>Mixture versus substance information</b>               | No information available.   |
| <b>Other information</b>                                  | Not available.  |

## SECTION 12: Ecological information

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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                     |  |
|-------------------------------------|--|
| <b>Residual waste</b>               | 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). |
| <b>Contaminated packaging</b>       | 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.       |
| <b>EU waste code</b>                | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Disposal methods/information</b> | Consult authorities before disposal. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.         |
| <b>Special precautions</b>          | Dispose in accordance with all applicable regulations.   |

## SECTION 14: Transport information

### ADR

|   |   |
|---|---|
| <b>14.1. UN number</b>                  | UN3262                                    |
| <b>14.2. UN proper shipping name</b>    | Corrosive solid, basic, inorganic, n.o.s. |
| <b>14.3. Transport hazard class(es)</b> |   |
| <b>Class</b>                            | 8   |
| <b>Subsidiary risk</b>                  | -   |
| <b>Label(s)</b>                         | 8   |
| <b>Hazard No. (ADR)</b>                 | 80  |

|   |   |
|---|---|
| <b>Tunnel restriction code</b>            | E   |
| <b>14.4. Packing group</b>                | III   |
| <b>14.5. Environmental hazards</b>        | No.   |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### RID

|   |   |
|---|---|
| <b>14.1. UN number</b>                    | UN3262  |
| <b>14.2. UN proper shipping name</b>      | Corrosive solid, basic, inorganic, n.o.s.                               |
| <b>14.3. Transport hazard class(es)</b>   |   |
| <b>Class</b>                              | 8   |
| <b>Subsidiary risk</b>                    | -   |
| <b>Label(s)</b>                           | 8   |
| <b>14.4. Packing group</b>                | III   |
| <b>14.5. Environmental hazards</b>        | No.   |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### ADN

|   |   |
|---|---|
| <b>14.1. UN number</b>                    | UN3262  |
| <b>14.2. UN proper shipping name</b>      | Corrosive solid, basic, inorganic, n.o.s.                               |
| <b>14.3. Transport hazard class(es)</b>   |   |
| <b>Class</b>                              | 8   |
| <b>Subsidiary risk</b>                    | -   |
| <b>Label(s)</b>                           | 8   |
| <b>14.4. Packing group</b>                | III   |
| <b>14.5. Environmental hazards</b>        | No.   |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### IATA

|   |   |
|---|---|
| <b>14.1. UN number</b>                    | UN3262  |
| <b>14.2. UN proper shipping name</b>      | Corrosive solid, basic, inorganic, n.o.s.                               |
| <b>14.3. Transport hazard class(es)</b>   |   |
| <b>Class</b>                              | 8   |
| <b>Subsidiary risk</b>                    | -   |
| <b>14.4. Packing group</b>                | III   |
| <b>14.5. Environmental hazards</b>        | No.   |
| <b>ERG Code</b>                           | 8L  |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### Other information

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions. |
| <b>Cargo aircraft only</b>          | Allowed with restrictions. |

#### IMDG

|   |   |
|---|---|
| <b>14.1. UN number</b>                    | UN3262  |
| <b>14.2. UN proper shipping name</b>      | CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.                               |
| <b>14.3. Transport hazard class(es)</b>   |   |
| <b>Class</b>                              | 8   |
| <b>Subsidiary risk</b>                    | -   |
| <b>14.4. Packing group</b>                | III   |
| <b>14.5. Environmental hazards</b>        |   |
| <b>Marine pollutant</b>                   | No.   |
| <b>EmS</b>                                | F-A, S-B  |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |



## 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 (EC) No. 850/2004 On persistent organic pollutants, Annex I 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

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

#### National regulations

Follow national regulation for work with chemical agents. 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, as amended.

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

#### List of abbreviations

Not available.

#### Information on evaluation method leading to the classification of mixture

Not applicable.



**Disclaimer**

Materion Advanced Chemicals Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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.