

SAFETY DATA SHEET

RESION EP Coving Mortar Hardener

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

1.1. Product identifier

Trade name

RESION EP Coving Mortar Hardener

Product no.

FS911

Unique formula identifier (UFI)

NUE0-80GJ-400D-64K1

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

Relevant identified uses of the substance or mixture

Binder

Use descriptors (REACH)

| Sectors of use | Description |
|--------------------------------|--|
| LCS "C" | Consumer uses: Private households (= general public = consumers) |
| LCS "IS" | Industrial uses: Uses of substances as such or in preparations at industrial sites |
| LCS "PW" | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| SU 12 | Manufacture of plastics products, including compounding and conversion |
| SU 19 | Building and construction work |
| Product category | Description |
| PC 32 | Polymer Preparations and Compounds |
| PC 9b | Fillers, putties, plasters, modelling clay |
| Process category | Description |
| PROC 19 | Hand-mixing with intimate contact and only PPE available |
| Article category | Description |
| AC 13 | Plastic articles |
| Environmental release category | Description |
| ERC 5 | Industrial use resulting in inclusion into or onto a matrix |
| ERC 8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| ERC 8f | Wide dispersive outdoor use resulting in inclusion into or onto a matrix |

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Polyestershoppen BV
Oostbaan 680
2841 ML Moordrecht
Netherlands
+31 85 0220090

Contact person

-

E-mail

info@polyestershoppen.nl

Revision

23/11/2023

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)

Storage

Store locked up. (P405)

Disposal

Dispose of contents/container in accordance with local regulation
(P501)

Hazardous substances

1,3-Cyclohexanedimethanamine

Additional labelling

UFI: NUE0-80Gj-400D-64K1
60.00 % of the mixture consists of ingredients of unknown toxicity.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|------------------------------|--|--------|---|------|
| 1,3-Cyclohexanedimethanamine | CAS No.: 2579-20-6 EC No.: 219-941-5 UK-REACH: Index No.: | 60-80% | Acute Tox. 4, H302 (ATE: 700.00 mg/kg) Acute Tox. 4, H312 (ATE: 1700.00 mg/kg) Skin Corr. 1, H314 | |
| benzyl alcohol | CAS No.: 100-51-6 EC No.: 202-859-9 UK-REACH: Index No.: 603-057-00-5 | 40-60% | Acute Tox. 4, H302 Acute Tox. 4, H332 | [9] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

The product should be tested for peroxides before distillation or evaporation and tested for peroxide formation or discarded after 1 year.

Avoid direct contact with the product.

Peroxide formation may be present anywhere in the container, including the sides, bottom, exterior and threaded cap. Peroxide formation in ppm concentrations may not be visually observable and must be identified through the use of appropriate testing procedures. If any of the following conditions exist, the material may be explosively unstable and will require stabilization prior to use:

1. Material appears to be degraded and or contaminated.

2. Material appears to be discolored.

3. Deterioration or distortion of storage container.

4. Thermal shock (sunlight).

5. Age of material exceeds recommended storage time.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage temperature

Dry, cool and well ventilated

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

benzyl alcohol

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|-----------|
| Long term – Systemic effects - Workers | Dermal | 9.5 mg/kg |
| Short term – Systemic effects - Workers | Dermal | 47 mg/kg |
| Long term – Systemic effects - General population | Oral | 5 mg/kg |
| Short term – Systemic effects - General population | Oral | 25 mg/kg |

PNEC

benzyl alcohol

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------|-----------------------|-------------|
| Freshwater | | 1 mg/l |
| Freshwater sediment | | 5.27 mg/kg |
| Marine water | | 0.1 mg/l |
| Marine water sediment | | 0.527 mg/kg |
| Soil | | 0.456 mg/kg |

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Ensure that eyewash stations and safety showers are located within easy reach. Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Wash contaminated clothing before reuse.
Use only UKCA marked protective equipment.

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Respiratory Equipment

| Type | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. | | | |

Skin protection

| Recommended | Type/Category | Standards |
|---|---------------|-----------|
| Dedicated work clothing should be worn. | - | - |



Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-------------------------|
| Nitrile | 0.4 | > 480 | EN374-2, EN374-3, EN388 |



Eye protection

| Type | Standards |
|-----------------------------------|-----------|
| Safety glasses with side shields. | EN166 |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Amber

Odour / Odour threshold

Amine

pH

Testing not relevant or not possible due to the nature of the product.

Density (g/cm³)

Testing not relevant or not possible due to the nature of the product.

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to the nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

| | |
|--------------------|------------------------------|
| Product/substance | 1,3-Cyclohexanedimethanamine |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 700 mg/kg |

| | |
|--------------------|------------------------------|
| Product/substance | 1,3-Cyclohexanedimethanamine |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result: 1700 mg/kg

Product/substance: benzyl alcohol
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 1620 mg/kg

Product/substance: benzyl alcohol
 Species: Rat
 Route of exposure: Inhalation
 Test: LC50 (4 hours)
 Result: > 4178 mg/m³

Skin corrosion/irritation

Product/substance: 1,3-Cyclohexanedimethanamine
 Result: Adverse effect observed (Corrosive)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance: 1,3-Cyclohexanedimethanamine
 Result: Adverse effect observed (Irritating)

Product/substance: benzyl alcohol
 Duration: No data available.
 Result: Adverse effect observed (Irritating)

Causes serious eye damage.

Respiratory sensitisation

Product/substance: 1,3-Cyclohexanedimethanamine
 Result: No adverse effect observed (not sensitising)

Skin sensitisation

Product/substance: 1,3-Cyclohexanedimethanamine
 Result: No adverse effect observed (not sensitising)

Germ cell mutagenicity

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: No adverse effect observed

Product/substance: benzyl alcohol
 Test method: OECD 476
 Species: Bacteria
 Conclusion: Adverse effect observed

Product/substance: benzyl alcohol
 Test method: OECD 474
 Species: Bacteria
 Conclusion: No adverse effect observed

Carcinogenicity

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: No adverse effect observed

Reproductive toxicity

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: No adverse effect observed

Product/substance: benzyl alcohol
 Species: Mouse
 Result: Oral - Positive 750 mg/kg - Notes: 192h

Product/substance: benzyl alcohol
 Species: Mouse
 Result: Oral - Negative 550 mg/kg - Notes: 240h

STOT-single exposure

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: No adverse effect observed

STOT-repeated exposure

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: No adverse effect observed

Aspiration hazard

Product/substance: 1,3-Cyclohexanedimethanamine
 Conclusion: Aspiration hazard not applicable

11.2. Information on other hazards

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance: 1,3-Cyclohexanedimethanamine
 Test method: OECD 201
 Species: Algae, Pseudokirchneriella subcapitata
 Duration: 72 hours
 Test: EC50
 Result: 56,7 mg/L

Product/substance: 1,3-Cyclohexanedimethanamine
 Test method: OECD 203
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: 130 mg/L

Product/substance: 1,3-Cyclohexanedimethanamine
 Test method: OECD 202
 Species: Daphnia, Daphnia magna
 Duration: 48 hours
 Test: EC50
 Result: 33,1 mg/L

Product/substance: benzyl alcohol
 Species: Daphnia
 Duration: 48 hours
 Test: EC50
 Result: 230 mg/L

Product/substance: benzyl alcohol
 Species: Algae
 Duration: 72 hours

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result: 700 mg/L

Product/substance: benzyl alcohol
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: 460 mg/L

Product/substance: benzyl alcohol
 Species: Bacteria
 Duration: 24 hours
 Test: EC50
 Result: 390 mg/L

12.2. Persistence and degradability

Product/substance: benzyl alcohol
 Biodegradable: Yes

12.3. Bioaccumulative potential

Product/substance: benzyl alcohol
 Potential bioaccumulation: Yes
 LogPow: No data available.
 BCF: 1.37

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 6 - Acute toxicity

HP 8 - Corrosive

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

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 27* Paint, inks, adhesives and resins containing dangerous substances

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|-----|-----------------|---|--|-------------|---------------|---|
| ADR | UN2735 | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3- Cyclohexanedimethanamine) | Transport hazard class: 8 Label: 8 Classification code: C7 | II | No | Limited quantities: 1 L Tunnel restriction code: (E) See below for additional |



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|------|-----------------|---|---|-------------|---------------|--|
| IMDG | UN2735 | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3- Cyclohexanedimethanamine) | Transport hazard class: 8 Label: 8 Classification code: C7  | II | No | Limited quantities: 1 L EmS: F-A S-B See below for additional information. |
| IATA | UN2735 | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3- Cyclohexanedimethanamine) | Transport hazard class: 8 Label: 8 Classification code: C7  | II | No | See below for additional information. |

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Additional information

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

Sources

The Management of Health and Safety at Work Regulations 1999.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H312, Harmful in contact with skin.
H314, Causes severe skin burns and eye damage.
H332, Harmful if inhaled.

The full text of identified uses as mentioned in section 1

LCS "C" = Consumer uses: Private households (= general public = consumers)
LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites
LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU 12 = Manufacture of plastics products, including compounding and conversion
SU 19 = Building and construction work
PROC 19 = Hand-mixing with intimate contact and only PPE available
PC 32 = Polymer Preparations and Compounds
PC 9b = Fillers, putties, plasters, modelling clay
AC 13 = Plastic articles
ERC 5 = Industrial use resulting in inclusion into or onto a matrix
ERC 8c = Wide dispersive indoor use resulting in inclusion into or onto a matrix
ERC 8f = Wide dispersive outdoor use resulting in inclusion into or onto a matrix

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

H.A.B.

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en