

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

STUCCO RAPIDO METALLO

Version 6

Revision date: 02/01/2017

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: STUCCO RAPIDO METALLO cod.57048001

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

Use of the Substance/Mixture: Epoxy resin

Application of the substance / the mixture: Adhesive (repair putty)

Uses advised against: This product is not recommended for all those industrial, professional or consumer uses not specifically identified on the label.

1.3 Details of the supplier of the safety data sheet

Company: SARATOGA INT. SFORZA SPA
Via Edison 76
20090 Trezzano S/Naviglio (MI) ITALY
Telephone: +39 02 445731
Telefax: +39 02 4452742
E-mail address: trading@saratogasforza.com

1.4 Emergency telephone number

| | |
|--|------------------|
| Centro Antiveleni Azienda Ospedaliera "S.G.Battista" – TORINO | Tel. 011/6637637 |
| Centro Antiveleni Ospedale Niguarda Ca' Granda – MILANO | Tel. 02/66101029 |
| Cen.Naz.Inform.Tossic.Fond. S.Maugeri – PAVIA | Tel. 0382/24444 |
| Serv. Antiv. Università degli Studi di PADOVA | Tel. 049/8275078 |
| Servizio Antiveleni Istituto Scientifico "G. Gaslini" – GENOVA | Tel. 010/5636245 |
| Centro Antiveleni Azienda Ospedaliera Careggi – FIRENZE | Tel. 055/4277238 |
| Centro Antiveleni Policlinico A.Gemelli - ROMA | Tel. 06/3054343 |
| Centro Antiveleni Università degli Studi "La Sapienza" – ROMA | Tel. 06/49970698 |
| Centro Antiveleni Azienda Ospedaliera A. Cardarelli – NAPOLI | Tel. 081/7472870 |

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

| | |
|--------------------------------|---|
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin sensitization, Category 1 | H317: May cause an allergic skin reaction. |
| Aquatic chronic, Category 3 | H412 Harmful to aquatic life with long lasting effects. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

The product is classified and labeled according to the CLP regulation.

Hazard pictograms :



Signal word : **GHS07
Warning**

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Hazard-determining components of labelling: Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average Molecular weight < = 700)

| | | | |
|-------------------|---|------|--|
| Hazard statements | : | H315 | Causes skin irritation. |
| | | H317 | May cause an allergic skin reaction. |
| | | H319 | Causes serious eye irritation. |
| | | H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statements :

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing fume.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container to an authorized collection center.

Additional information

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards

None if used if used properly

3. Composition/information on ingredients

3.2 Mixtures

Description: Adhesive

Dangerous components:

| | |
|---------------------------|---|
| CAS: 25068-38-6 | Reaction product: bisphenol-A-(epichlorhydrin) 10-25% |
| NLP: 500-033-5 | Epoxy resin (number average molecular weight < =700) |
| Reg.nr.: 01-2119456619-26 | Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 |

| | |
|---------------------------|--|
| CAS: 90-72-2 | 2,4,6-tris(dimethylaminomethyl)phenol 2,5% |
| EINECS: 202-013-9 | Acute Tox. 4, H302; Skin Irrit. 2, H315; |
| Reg.nr.: 01-2119560597-27 | Eye Irrit. 2, H319 |

Additional information

For the wording of the listed hazard phrases refer to section 16.

4. First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air.
If required, provide artificial respiration.
Keep patient warm.
Consult doctor if symptoms persist.
In case of unconsciousness place patient stable in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

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After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

7.1 Precautions for safe handling

Ensure well ventilation areas.

Prevent skin and eye contact.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Store in cool well ventilated place

Further information about storage conditions: Keep receptacle tightly sealed.

7.3 Specific end use(s)

Epoxy resin.

8. Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

| | |
|---|---|
| General protective and hygienic measures: | The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. |
| Respiratory protection: | Ensure adequate ventilation. |
| Protection of hands: | Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. |
| Material of gloves: | The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. |
| Penetration time of glove material: | The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: | PVC or PE gloves |
| Eye protection: | Tightly sealed goggles |

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Body protection: Use protective suit.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

| | |
|--|---|
| Appearance: | |
| Form: | Fluid |
| Colour: | Resin: Light Grey / Hardener : White |
| Odour: | Characteristic. |
| Odour threshold: | Not determined. |
| pH-value: | 7(5% wt. in water) |
| Change in condition | |
| Melting point/Melting range: | Does not melt, but at higher temperature or direct flame, charring occurs |
| Boiling point/Boiling range: | Not applicable. |
| Flash point: | > 200 °C (Above flammable limits in air) |
| Flammability (solid, gaseous): | Not applicable. |
| Ignition temperature: . | Decomposition temperature: Not determined. |
| Self-igniting: | Product is not self-igniting. |
| Danger of explosion: | Product does not present an explosion hazard. |
| Explosion limits: | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Vapour pressure: | Not determined. |
| Density at 20 °C: | 1.8 g/cm ³ . |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with water: | Not miscible or difficult to mix. |
| Partition coefficient (n-octanol/water): | Not determined. |
| Viscosity: | |
| Dynamic at 20 °C: | Not determined. |
| Kinematic: | Not determined. |
| Solids content: | 100% |

9.2 Other information

No further relevant information available

10 Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No dangerous reactions known.

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10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

None known.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Primary irritant effect:

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

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

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

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Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGEING

Recommendation Tubes, Cartons, Bottels Should Be Disposed According To Official Regulations.

14. Transport information

14.1 UN number

ADR, ADN, ADN, IMDG, IATA: Not Hazardous

14.2 UN proper shipping name

ADR, ADN, ADN, IMDG, IATA: Not Hazardous

14.3 Transport hazard class(es)

ADR, ADN, ADN, IMDG, IATA: Not Hazardous

14.4 Packing group

ADR, ADN, ADN, IMDG, IATA: Not Hazardous

14.5 Environmental hazards

ADR, ADN, ADN, IMDG, IATA: Not Hazardous

Marine pollutant: No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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15. Regulatory information

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

VOC Content : <1%

15.2 Chemical Safety Assessment

A chemically safety assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

Acute Tox.4 : Acute toxicity, Hazard Category 4

Skin Irrit.2 : Skin corrosion/irritation, Hazard Category 2

Eye Irrit.2 : Serious eye damage/eye irritation, Hazard Category 2

Skin Sens.1 : Sensitisation - Skin, Hazard Category 1

Aquatic Chronic 2 : Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment - Chronic Hazard, Category 3

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Changes to previous review:

The following sections were modified:

SECTION 1: 1.2 Uses advised against

SECTION 2: EUH205 added