

# SAFETY DATA SHEET

## FAST SET STEEL EPOXY HARDENER

### RCN SFR+SFH

Compilation date: 02/10/2020 - Revision No: 3

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

##### 1.1. Product identifier

Product name: FAST SET STEEL EPOXY HARDENER RCN SFR+SFH  
Product code: RCN SFH

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

Use of substance / mixture: Part B (Hardener) of a two pack, epoxy repair paste; to be used only with the corresponding Part A (Resin) component.

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

Company name: RCN srl  
Regione Torame Via Crevacuore  
13011 Borgosesia VC  
ITALY  
R.E.A. Vercelli n. 188464 Reg. Imp. Vercelli  
VAT: IT02384130023  
Tel: +39 (0) 163 458028  
email: rcn@rcn.it

##### 1.4. Emergency telephone number

Emergency tel: +39 (0) 163 458028 (office hours only)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Skin Sens. 1B: H317

Most important adverse effects: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

##### 2.2. Label elements

Label elements:  
UFI: 37AY-VU56-Y007-MWWX  
Hazard statements: H317: May cause an allergic skin reaction.  
H412: Harmful to aquatic life with long lasting effects.  
Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning  
Precautionary statements: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.  
P321: Specific treatment (see information on this label)  
P501: Dispose of contents/container to comply with local, regional and national regulations.

Haz. ingredients (label): POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.-HYDRO.-OMEGA.-HYDROXY-, ETHER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL (4:1), 2-HYDROXY-3-MERCAPTOPYL ETHER

##### 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

Hazardous ingredients:

**POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.-HYDRO.-OMEGA.-HYDROXY-, ETHER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL (4:1), 2-HYDROXY-3-MERCAPTOPYL ETHER**

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	72244-98-5	-	Skin Sens. 1B: H317; Aquatic Chronic 3: H412	>90%

##### 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

202-013-9	90-72-2	-	Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-5%
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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.  
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.  
Ingestion: Wash out mouth with water. Consult a doctor.  
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.  
Eye contact: There may be irritation and redness. The eyes may water profusely.  
Ingestion: There may be soreness and redness of the mouth and throat.  
Inhalation: Exposure may cause coughing or wheezing.  
Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

#### SECTION 5: Fire-fighting measures

##### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

##### 5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

##### 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.  
Do not create dust.

### 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of dust in the air.

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

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

### 7.3. Specific end use(s)

Specific end use(s): No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits: No data available.

### DNEL/PNEC Values

DNEL / PNEC: No data available.

### 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Ensure emissions from ventilation or equipment comply with environmental protection legislation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Solid

Colour: Straw coloured

Odour: Pungent

Relative density: 1.15

### 9.2. Other information

Other information: No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

ORL	RAT	LD50	1200	mg/kg
SKN	RAT	LD50	1280	mg/kg

#### Relevant hazards for product:

Hazard	Route	Basis
Respiratory/skin sensitisation	-	Hazardous: calculated

#### Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity values: No data available.

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## SECTION 14: Transport information

Transport class: This product does not require a classification for transport.

## SECTION 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## SECTION 16: Other information

### Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.  
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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.