

Safety data sheet

Acc. Regulation (EC) No 453/2010

Date: 13.11.2014

Rev. 02

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Identification of the substance or preparation

Product name: PYRO-SAFE BIOFERM S

Use of the substance/preparation

Recommended use: Sealant preparation for multiple application.

Company identification

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msds@svt.de

Emergency phone:

DE: +49-172-4090-400
Department: Central Technology

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Precautionary phrases: Contains 2-butanone oxime. May produce an allergic reaction. Safety data sheet available for professional user on request.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients:

METHYLTRIS(2-BUTANONOXIM)SILAN

EINECS	CAS	CHIP Classification	CLP Classification	Percent
245-366-4	22984-54-9	Sens.: R43; Xi: R36/38	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317	1-2.5%

N,N',N"-TRICYCLOHEXYL-1-METHYLSILANTRIAMIN

EINECS	CAS	CHIP Classification	CLP Classification	Percent
240-040-8	15901-40-3	Xn: R21/22; C: R35	-	1-2.5%

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. In case of persisting irritation call in a physician. Where possible show the physician container or label.

Eye contact: After separating the eyelids immediately flush eyes thoroughly with plenty of water. In case eye irritation persists, consult an oculist.

Ingestion: Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. 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.

Inhalation: Product releases 2-butanonime during curing. After curing, product is odourless and indifferent.

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: Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Dry chemical powder. Water spray. Alcohol or polymer foam. 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. Closed containers near to the fire should be cooled with water (spray). Container may burst upon heating.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

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: Refer to section 13 of SDS for suitable method of disposal. Allow curing, the product can be disposed (category: commercial waste, municipal waste)

6.4. Reference to other sections

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

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke during application.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Avoid contact with water or humidity. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Butyl gloves. Nitrile gloves. PVC gloves. Breakthrough time of the glove material > 1 hour.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Various

Odour: Characteristic odour

Flash point°C: >93

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Autoflammability°C: ca. 435
Relative density: ca. 1,4
VOC g/l: < 30

9.2. Other information

Other information: No data available.

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.

10.4. Conditions to avoid

Conditions to avoid: Humidity. Heat. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Water. Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. Silica.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicity values: No data available.

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.

Inhalation: Product releases 2-butanonime during curing. After curing, product is odourless and indifferent.

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

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Insoluble in water.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Dispose of as hazardous waste. Allow product to cure and dispose [landfilling - category: commercial wastes or municipal wastes].

Waste code number: 08 04 09, 08 04 99

Disposal of packaging: Empty (clean) container can be disposed off (category: commercial waste, municipal waste).

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

14. TRANSPORT INFORMATION

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14.1. UN number

UN number: UN0000

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

15. REGULATORY INFORMATION

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

15.2. Chemical Safety Assessment

16. OTHER INFORMATION

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

R21/22: Harmful in contact with skin and if swallowed.

R35: Causes severe burns.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

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..

The information in this Safety Data Sheet are based on our today's knowledge. They shall describe our products with respect to safety aspects and do not guarantee on special properties. The different work conditions of the final user are out of our control. The product must not be transferred to any different use as named under section 1. The final user is responsible for compliance with all relevant official regulations.