

SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard
Z400.1-2010



Trade Name: Fire Protection Sealant PYROSIT®
Revision date: 7/14/2017
Language: EN-US
Pages: 11

1. Product and company identification

1.1 Product identifier

Trade name: Fire Protection Foam PYROSIT®
Material number: 7203906
Type: FSU-M

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

Fire protection means. Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Supplier

OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1120
58694 Menden
Germany

Dept. responsible for information:

Customer Service
Tel.: +49 (0) 23 73 / 89 - 17 00
export@obo.de

1.4 Emergency phone number

REACH Registration of Chemicals GmbH
Tel.: +49 (0)700 24112112 (OBO)

2. Hazards identification

2.1 Emergency overview

Appearance

Form: pasty
Color: red brown

Odor

No data available

Classification

This material is classified as not hazardous.

Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

See section 11: Toxicological information

3. Composition / Information on ingredients

3.1 Chemical characterization

A mixture of acrylate with additives (halogen-free), not cured

3.2 Relevant ingredients:

CAS No.	Designation	Content	Classification
trade secret	Phosphate	<= 100 %	not applicable
trade secret	Smoke suppressant	<= 100 %	not applicable
trade secret	Expanding agent	<= 100 %	not applicable
trade secret	Non-halogen flame retardant	<= 100 %	not applicable

4. First aid measures

In case of inhalation

Move victim to fresh air; if necessary, provide artificial respiration or oxygen. In the event of discomfort seek medical treatment.

Following skin contact

Change contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.

After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing

Rinse mouth. Do not induce vomiting. Immediately get medical attention.

4.1 Most important symptoms/effects, acute and delayed

No data available

4.2 Information to physician

Treat symptomatically.

5. Fire fighting measures

5.1 Flash point/flash point range

No data available

Auto-ignition temperature

No data available

Suitable extinguishing media

Water fog, foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons

Full water jet

5.2 Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Ammonia, phosphorus oxides, carbon monoxide and carbon dioxide.

5.3 Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing to protect skin and eyes.

5.4 Additional information:

Do not allow water used to extinguish fire to enter drains, ground or waterways.

6. Accidental release measures

6.1 Personal precautions

Wear suitable protective clothing. Keep unprotected people away.
Provide adequate ventilation. Avoid contact with the substance. Do not breathe vapors.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods for clean-up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

7. Handling and storage

7.1 Handling

Advices on safe handling

Provide adequate ventilation, and local exhaust as needed.
Avoid contact with skin and eyes. Do not breathe vapors.
Wear appropriate protective equipment.

Specific use(s)

Observe instructions for use.

7.2 Storage

Requirements for storerooms and containers

Keep containers tightly closed and at a temperature between 50 °F and 95 °F.
Keep in a cool, well-ventilated place. Keep container dry. Protect from humidity and water.

Hints on joint storage

Keep away from food and drinks.

8. Exposure controls / personal protection

8.1 Engineering controls

Provide good ventilation and/or an exhaust system in the work area.
See also information in chapter 7, section storage.

8.2 Personal protection equipment (PPE)

Eye/face protection

Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection

Wear suitable protective clothing.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection

When vapors form:

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

General hygiene considerations

Avoid contact with the substance.
When using do not eat, drink or smoke.
Change contaminated clothing.
Wash hands before breaks and after work.
Work place should be equipped with a shower and an eye rinsing apparatus.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form: pasty

Color: red brown

Odor

No data available

Odor threshold

No data available

pH value

No data available

Melting point/freezing point

No data available

Initial boiling point and boiling range

No data available

Flash point/flash point range

No data available

Evaporation rate

No data available

Flammability

No data available

Explosion limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Density

Approx. 1.3 - 1.45 g/mL

Water solubility

No data available

Partition coefficient: n-octanol/water:

No data available

Auto-ignition temperature

No data available

Thermal decomposition

No data available

Oxidizing characteristics:

None

10. Stability and reactivity

10.1 Reactivity

Refer to possibility of hazardous reactions

10.2 Chemical stability

Stable under recommended storage conditions.

Shelf life: 12 months (at 73.4 °F).

Directions for use: The product is completely cured after 24 h.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect from humidity and water.

Keep away from heat.

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

In case of fire may be liberated: Ammonia, phosphorus oxides, carbon monoxide and carbon dioxide.

10.7 Thermal decomposition

No data available

11. Toxicological information

11.1 Toxicological tests

Toxicological effects

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

12. Ecological information

12.1 Ecotoxicity

No data available

12.2 Mobility in soil

No data available

12.3 Persistence and degradability

Further details

No data available

12.4 Additional ecological information

General information

Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

13.1 Product

Recommendation

Dispose of waste according to applicable legislation.

13.2 Contaminated packaging

Recommendation

Dispose of waste according to applicable legislation.

Handle contaminated packages in the same way as the substance itself.

Non-contaminated packages may be recycled.

14. Transport information

14.1 USA: Department of Transportation (DOT)

Proper shipping name

Not restricted

14.2 Sea transport (IMDG)

Proper shipping name

Not restricted

Marine pollutant

No

14.3 Air transport (IATA)

Proper shipping name

Not restricted

14.4 Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

15.1 National regulations - U.S. Federal Regulations

Smoke Suppressant

TSCA Inventory: listed

TSCA HPVC: not listed

Expanding agent

TSCA Inventory: listed

TSCA HPVC: not listed

Carcinogen Status:

- IARC Rating: Group 3
- OSHA Carcinogen: not listed
- NTP Rating: not listed

Non-halogen flame retardant

TSCA Inventory: listed

TSCA HPVC: not listed

15.2 National regulations - U.S. State Regulations

Absorbent, granular

California Proposition 65: cancer

Rhode Island HSL: listed

15.3 National regulations - Great Britain

Hazchem-Code

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16. Other information

Text for labeling

Contains < 30 % Diphenylmethane diisocyanate (isomers, homologues), < 0.5 %

Catalyst, < 0.04 % Catalyst, <= 100 % Polyole, <= 100 % Phosphate, <= 100 %

Non-halogen flame retardant, <= 100 % Smoke Suppressant, <= 100 % Water, <= 100 % Polysiloxanes, <= 100 % Drying Agent. Safety data sheet available on request

Hazard rating systems



NFPA Hazard Rating:

- Health: 1 (Slight)
- Fire: 0 (Minimal)
- Reactivity: 0 (Minimal)

HMIS Version III Rating:

- Health: 1 (Slight)
- Flammability: 0 (Minimal)
- Physical Hazard: 0 (Minimal)
- Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

Reason of change:

Changes in section 3: Composition / information on ingredients

Date of first version

2/11/2015

16.1 Department issuing data sheet

Contact person

See section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

