



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Tangit FP 550 Fire Protection Part B

SDS no. : 188382
V001.1

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

Trade name:

Tangit FP 550 Fire Protection Part B

Intended use:

Foam, 2-component without propellant gas

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.de@henkel.com

Emergency information:

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

The product is notified at the 'Information Centers for Cases of Poisoning in Germany'. These centers provide information by telephone day and night in poisoning cases. Central emergency phone number: ++49 (0) 30 19240

2. Hazards identification

The product is not hazardous within the meaning of the valid (EU) preparation directive.

3. Composition / information on ingredients

General chemical description:

Resin of a 2-component PU adhesive

Base substances of preparation:

Polyester/ether alcohols
Inorganic fillers

Declaration of ingredients according to (EC) No 1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Tris(2-chloro-1-methylethyl) phosphate 13674-84-5	237-158-7	< 20 %	Xn - Harmful; R22
Phosphorus 7723-14-0	231-768-7	< 2 %	F - Highly flammable; R11 R52, R53 R16
.alpha.-Methyl-1H-imidazole-1-ethanol 37788-55-9	253-668-2	< 2 %	C - Corrosive; R34 Xn - Harmful; R21/22
2,2'-Dimorpholinyl-diethyl ether 6425-39-4	229-194-7	< 2 %	Xi - Irritant; R36/38

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air.

Skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

Special hazards by the product itself:

In the event of fire, hydrochloric acid gas may be formed. In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

6. Accidental release measures

Personal precautions:

Not needed.

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

No particular measures required.

Storage:

Store in sealed original container protected against moisture.

Frost-sensitive

Keep away from heat and direct sunlight.

Avoid strictly temperatures below + 2°C and above + 30 °C.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

8. Exposure controls / personal protection

Engineering controls:

No particular measures required.

Respiratory protection:

Not needed.

Hand protection:

For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile rubber (material thickness > 0.4 mm, break through time > 480 min) are recommended according to EN 374.

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

General protection and hygiene measures:

Wash off any dirt that gets onto the skin with lots of soap and water, skin care.

Wash hands before work breaks and after finishing work.

9. Physical and chemical properties

General characteristics:

Appearance	liquid Viscous dark red
Odor:	slightly, of amine

Phys./chem. properties:

Density (20 °C (68 °F))	1,25 - 1,35 g/cm ³
Viscosity (dynamic) (Brookfield; 20 °C (68 °F))	35.000 - 50.000 mpa.s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble

10. Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications.

Materials to avoid:

None if used for intended purpose.

Hazardous decomposition products:

None known

11. Toxicological information

General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

12. Ecological information

Persistence and degradability:

Ultimate biodegradation:

The total of the organic components contained in the product achieve values below 60% BOD/COD or CO₂ liberation, or below 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are not reached.

The product contains polymere components that are degradable to a large extent.

General ecological information:

Do not empty into drains, soil or bodies of water.

13. Disposal considerations

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

After curing with component A :

Small amounts of cured or dried product residues can be disposed of as household waste or as industrial waste similar to household waste.

The valid EEC waste code numbers are not product-related but are largely source-related. The manufacturer is therefore unable to specify EEC waste codes for the articles or products used in the various sectors. These can be requested from the manufacturer.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Not subject of the identification regulations.

National regulations/information (Germany):

WGK: 3, highly water-endangering product. (German VwVwS of May 17, 1999)
Classification in conformity with the calculation method

BG regulations, rules, infos:

Note the German BG-Chemie data sheet: M044 - Polyurethane-fabrication / Isocyanates
BG regulation: BGV B 1 Handling hazardous substances

Storage class VCI:

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16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R11 Highly flammable.
- R16 Explosive when mixed with oxidizing substances.
- R21/22 Harmful in contact with skin and if swallowed.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R36/38 Irritating to eyes and skin.
- R52 Harmful to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.

Further information:

The product is intended for industrial use.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.