



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

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Tangit FP 800 Fire Protection

sds no. : 177356
V002.0

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

Trade name:

Tangit FP 800 Fire Protection

Intended use:

Fire protection paint

Company name:

Henkel AG & Co. KGaA
Henkelstr. 67
40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

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 classified as hazardous within the meaning of the valid (EU) preparation directive.
|| R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition / information on ingredients

General chemical description:

Fire protection coating

Base substances of preparation:

Synthetic resin dispersion
Auxiliary

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

Hazardous components CAS-No.	EINECS	content	Classification
bis(methylphenyl) phenyl phosphate 26446-73-1	247-708-8	< 2,5 %	N - Dangerous for the environment; R51/53
diphenyl tolyl phosphate 26444-49-5	247-693-8	< 5 %	N - Dangerous for the environment; R50/53

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:

not relevant.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

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.

6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

Environmental precautions:

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

Clean-up methods:

Remove mechanically.

Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Avoid skin and eye contact.

Storage:

Store frost-free.

Temperatures between 0 °C and + 30 °C

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

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for
Germany

none

Engineering controls:

No particular measures required.

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Hand protection:

With sensitive skin use protective gloves.

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.

Eye protection:

Wear protective goggles in event of spray hazard.

Skin protection:

Suitable protective clothing

General protection and hygiene measures:

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

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

9. Physical and chemical properties

General characteristics:

Appearance	liquid White
Odor:	Characteristic

Phys./chem. properties:

pH-value (20 °C (68 °F); Solvent: Water)	8
Density (20 °C (68 °F))	1,25 g/cm ³
Viscosity (dynamic) (; 20 °C (68 °F))	40.000 mPa.s

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.

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.

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

Disposal of uncleaned packages:

Only completely empty containers are to be disposed of as recoverable materials.

14. Transport information

General information:

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

15. Regulations - classification and identification

Risk phrases:

||R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

National regulations/information (Germany):

WGK:

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

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:

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information:

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.