



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

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Tangit PE/PP/PB/PVDF Special Cleanser

SDS no. : 41927
V001.1

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

Trade name:

Tangit PE/PP/PB/PVDF Special Cleanser

Intended use:

Cleaner

Company name:

Henkel Limited
Apollo Court, 2 Bishop Square Business Park
Hatfield, Hertfordshire AL10 9EY

Great Britain

Phone: +44 (0)1606 593933

Fax-no.: +44 (0)1606 863762

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

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44(0)8701906777

2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.

F - Highly flammable

R11 Highly flammable.

Solvents contained in the product evaporate during processing and their vapors can form explosive/highly inflammable air/vapor mixtures.

Pregnant women should absolutely avoid breathe in and skin contact.

3. Composition / information on ingredients

General chemical description:

Cleaner

Base substances of preparation:

Ethanol

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Ethanol 64-17-5	200-578-6	> 90 %	F - Highly flammable; R11

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:

Can form explosive gas/air mixtures.

Additional information:

Do not breathe combustion gases., In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions:

Ensure adequate ventilation.
Keep away from sources of ignition.
Wear protective equipment.

Environmental precautions:

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

Clean-up methods:

Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.
Take measures to prevent the build-up of electrostatic charges.

Storage:

Ensure adequate ventilation.
 Keep only in the original container.
 Close the container carefully after use and store it at a good ventilated place.
 Store protected from heat influence.
 Temperatures between + 5 °C and + 35 °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
 Great Britain
 Basis
 UK EH40 WELs

Ingredient	ppm	mg/m ³	Type	Category	Remarks
ETHANOL 64-17-5	1.000	1.920	Time Weighted Average (TWA).		EH40 WEL
ETHANOL 64-17-5				Listed.	EH40 WEL

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.
 Filter A1-A3 (brown)

Hand protection:

For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile / chloroprene rubber are recommended according to EN 374.
 material thickness > 0.6 mm
 Perforation time > 120 minutes
 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 tight fitting goggles.

Skin protection:

suitable protective clothing

General protection and hygiene measures:

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 low viscosity colourless, clear
Odor:	intensive, alcohol-like

Phys./chem. properties:

Boiling point (1.013 hPa)	79 °C (174.2 °F)
Flash point	12 °C (53.6 °F)
Vapor pressure (20 °C (68 °F); highest partial vapor pressure)	58 mbar
Density (20 °C (68 °F))	0,788 - 0,790 g/cm ³
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	miscible
Explosion limit	
lower [vol%]	3,5 %(V)
upper [vol%]	15 %(V)

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.

Inhalative toxicity:

The toxicity of the product is due to its narcotic effect after inhalation.

Eye irritation:

Primary eye irritation: slightly irritating, does not require labeling

12. Ecological information

Persistence and degradability:

Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

General ecological information:

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

13. Disposal considerations**Product disposal:**

Waste incineration or treatment plant with the approval of the responsible local authority.

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**Road transport ADR:**

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1170
Label:	3
Technical name:	ETHANOL SOLUTION

Railroad transport RID:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1170
Label:	3
Technical name:	ETHANOL SOLUTION

Inland water transport ADN:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	
UN no.:	1170
Label:	3
Technical name:	ETHANOL SOLUTION

Marine transport IMDG:

Class:	3
Packaging group:	II
UN no.:	1170
Label:	3
EmS:	F-E ,S-D
Seawater pollutant:	-
Proper shipping name:	ETHANOL SOLUTION

Air transport IATA:

Class:	3
Packaging group:	II
Packaging instructions (passenger)	305
Packaging instructions (cargo)	307
UN no.:	1170
Label:	3
Proper shipping name:	Ethanol solution

15. Regulations - classification and identification

Indication of danger:

F - Highly flammable



Risk phrases:

R11 Highly flammable.

Safety phrases:

S2 Keep out of the reach of children.

S7/9 Keep container tightly closed and in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

List of ingredients according to Detergents regulation.

Ethanol

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.

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.