



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

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Tangit PE/PP/PVDF Cleaning-Tissues

SDS no. : 41928  
V001.12  
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### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

Tangit PE/PP/PVDF Cleaning-Tissues

**Intended use:**

Cleaner

**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 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	70 - 80 %	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.

**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 protective equipment.  
Wear self-contained breathing apparatus.

**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.

**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:**

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.

**Storage:**

- 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
  - Germany
- Basis
  - Germany - Occupational Exposure Limits

Ingredient	ppm	mg/m <sup>3</sup>	Type	Category	Remarks
ETHANOL 64-17-5	500	960	Occupational Exposure Limit (OEL).	2 If in compliance with the MAK and BAT values, then there should be no risk to the fetus.	TRGS 900
ETHANOL 64-17-5			Short Term Exposure Classification.	Category II: substances with a resorptive effect.	TRGS 900
ETHANOL 64-17-5				Listed.	TRGS 900

**Engineering controls:**

- Ensure good ventilation/suction at the workplace.

**Hand protection:**

- For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile / chloroprene rubber are recommended according to EN 374.
- Manufacturer e.g. German company KCL, type Nitopren 717.
- 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:**

- Protective goggles

**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	nonwoven fabric thin white
Odor:	alcohol-like

### Phys./chem. properties:

Flash point	12 °C (53.6 °F)
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	partially miscible
Explosion limit	
lower [vol%]	1,5 % (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.

## 12. Ecological information

### Persistence and degradability:

#### Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO<sub>2</sub> 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: 4.1  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 40  
UN no.: 3175  
Label: 4.1  
Technical name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

### Railroad transport RID:

Class: 4.1  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 40  
UN no.: 3175  
Label: 4.1  
Technical name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

### Inland water transport ADN:

Class: 4.1  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 40  
UN no.: 3175  
Label: 4.1  
Technical name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

### Marine transport IMDG:

Class: 4.1  
Packaging group: II  
UN no.: 3175  
Label: 4.1  
EmS: F-A ,S-I  
Seawater pollutant: -  
Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

### Air transport IATA:

Class: 4.1  
Packaging group: II  
Packaging instructions (passenger): 415  
Packaging instructions (cargo): 417  
UN no.: 3175  
Label: 4.1  
Proper shipping name: Solids containing flammable liquid n.o.s. (Ethanol)

## 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  
1-Propene, homopolymer

### National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999 ) Classification in conformity with the calculation method
Storage class VCI:	4.1B

## 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.