

15.12.2003

# 7562 E

# Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

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FLUID-D

TB 75ML ~~X~~

SDS no. : 76893  
V001.1

Revision: 31.07.2003  
printing date: 15.12.2003

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

**Trade name:**

FLUID-D TB 75ML

**Intended use:**

1-Component sealant

**Company name:**

Henkel Teroson GmbH

69112 Heidelberg  
Phone: +4962217040  
Fax-no.: +496221705242

**Emergency information:**

In case of an emergency information will be available 24h under phone +49-(0)6221-7040

**Information office (content SDS):**

Product safety / TECO, Tel: +49-(0)6221-7040 Fax: +49-(0)6221-704698

## 2. Composition / information on ingredients

**Base substances of preparation:**

Resin, Solvent mixture

**Declaration of ingredients:**

<= 10 % Propanol-2  
EINECS 200-661-7  
CAS 67-63-0  
Symbol F, Xi  
R-phrases R11, R36, R67

<= 10 % Ethanol denatured  
EINECS 200-578-6  
CAS 64-17-5  
Symbol F  
R-phrases R11

  
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<= 10 %	Cyclohexane	
	EINECS	203-806-2
	CAS	110-82-7
	Symbol	F, Xn, N
	R-phrases	R11, R38, R50/53, R65, R67
<= 1 %	Phthalic acid anhydride	
	CAS	85-44-9
	Symbol	Xn
	R-phrases	R22, R37/38, R41, R42/43

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### 3. Possible product risks

R11 Highly flammable.

R18 In use, may form flammable/explosive vapour-air mixture.

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

The solvent vapors are heavier than air and may collect in high concentrations at floor level. In use, may form explosive or highly flammable vapor-air mixtures

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### 4. First-aid measures

**After inhalation:**

Fresh air, consult doctor if complaint persist.

**After skin contact:**

Rinse with running water and soap. Skin care. Change all contaminated clothing.

**After eye contact:**

Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor.

**After ingestion:**

Seek medical advice immediately and show this container or label.

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### 5. Fire-fighting measures

**Suitable extinguishing media:**

All common extinguishing agents are suitable.

**Special protection equipment for fire-fighters:**

Wear protective equipment.

Wear self-contained breathing apparatus.

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### 6. Accidental release measures

**Personal precautions:**

Wear protective equipment.

Ensure adequate ventilation.

**Environmental precautions:**

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



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**Process for cleaning and take-up:**

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

**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:**

Observe German VbF-guideline.

Store in a cool, well-ventilated place.

Storage at 10 to 20°C is recommended.

**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
propan-2-ol; isopropyl alcohol; isopropanol	200	500	MAK:	4	If in compliance with the MAK and BAT values, then there should be no risk to the fetus.
ethanol; ethyl alcohol	1.000	1.900	MAK:	4	If in compliance with the MAK and BAT values, then there should be no risk to the fetus.
cyclohexane	200	700	MAK:	4	

**Respiratory protection:**

Not necessary.

**Hand protection:**

Use suitable protective gloves made of rubber or camaprene. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.

**Eye protection:**

Goggles which can be tightly sealed.

**Body 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.

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any dirt that gets onto the skin with plenty of water and soap, skin care.

Ensure adequate ventilation/vacuum off.



## 9. Physical and chemical properties

### General characteristics

State:	pasty
Odor:	characteristic
Color(s):	blue

### Phys./chem. properties:

Flash point	9,5 °C
Density (20 °C)	1,12 g/cm <sup>3</sup>
Indication of (Solid content)	79 %
Solubility (qualitative) (Solvent: water)	insoluble

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## 10. Stability and reactivity

### Conditions to avoid:

None known if used to the intended purpose.

### Materials to avoid:

None if used for intended purpose.

### Dangerous decomposition products:

No decomposition if used according to specifications.

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## 11. Toxicological information

### General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.  
Vapors may cause drowsiness and dizziness.

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## 12. Ecological information

### General ecological information:

Toxic to aquatic organisms  
May cause long-term adverse effects in the aquatic environment  
Do not empty into drains, soil or bodies of water.

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## 13. Disposal considerations

Waste code(EWC):  
080409

**Product disposal:**

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

Waste incineration or disposal with the approval of the responsible local authority.

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

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**14. Transport information**

**Road transport ADR:**

Class:	9
Packaging group:	III
Classification code:	M7
Hazard ident. number:	90
UN no.:	3077
Label:	9
Technical name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Cyclohexane)

**Railroad transport RID:**

Class:	9
Packaging group:	III
Classification code:	M7
Hazard ident. number:	90
UN no.:	3077
Label:	9
Technical name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Cyclohexane)

**Inland water transport ADN:**

Class:	9
Packaging group:	III
Classification code:	M7
Hazard ident. number:	90
UN no.:	3077
Label:	9
Technical name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Cyclohexane)



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**Marine transport IMDG:**

Class: 9  
Packaging group: III  
UN no.: 3077  
Label: 9  
EmS:  
Seawater pollutant:  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
SOLID, N.O.S. (Cyclohexane)

**Air transport IATA:**

Class: 9  
Packaging group: III  
Packaging instructions (passenger) 911  
Packaging instructions (cargo) 911  
UN no.: 3077  
Label: 9  
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.  
(Cyclohexane)

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**15. Regulations - classification and identification**

**Symbols of danger:**

F - Highly flammable  
N - Dangerous for the environment

**R-phrases**

R18 In use, may form flammable/explosive vapour-air mixture.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases :**

S16 Keep away from sources of ignition - No smoking.  
S51 Use only in well-ventilated areas.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Can produce allergic reactions; contains Phthalic acid anhydride

**National regulations/information:**

WGK: 1, slightly water-endangering product. (German VwVwS of May 17, 1999 )  
Classification in conformity with the calculation method  
VbF class: Not a combustible liquid according to the regulations governing combustible liquids (VbF) in Germany.  
Technical regulations concerning air pollution: 22 % (Class III )



## 16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The product code/identification/designation is indicated in Section 15.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

R38 Irritating to skin.

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

R65 Harmful: may cause lung damage if swallowed.

R22 Harmful if swallowed.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R42/43 May cause sensitization by inhalation and skin contact.

### 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.



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