

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

Page 1 of 7

**TEROSTAT-8517H FL 100ML SFDN**

SDS no. : 75795

V001.2

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

**Trade name:**

TEROSTAT-8517H FL 100ML SFDN

**Intended use:**

Primer

**Company name:**

Henkel Teroson GmbH  
69112 Heidelberg  
Phone: +4962217040  
Fax-no.: +496221705242

**Information office (content SDS):**

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

## 2. Composition / information on ingredients

**General chemical description:**

Primer, containing solvents

**Base substances of preparation:**

Isocyanate prepolymer

**Declaration of ingredients:**

> 40 -	< 50 %	Methyl ethyl ketone
		EINECS 201-159-0
		CAS 78-93-3
		Symbol F, Xi
		R-phrases R11, R36, R66, R67
	< 5 %	Ethyl acetate
		EINECS 205-500-4
		CAS 141-78-6
		Symbol F, Xi
		R-phrases R11, R36, R66, R67
	< 0,1 %	Hexane, 1,6-diisocyanato-, homopolymer, V=2750-4250 mPas/23
		EINECS 500-060-2
		CAS 28182-81-2
		Symbol Xi
		R-phrases R43



**Technologies**  
Industrial Adhesives

### 3. Possible product risks

R11 Highly flammable.

Persons suffering from allergic reactions to isocyanates should avoid contact with the product.

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

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

R36/37 Irritating to eyes and respiratory system.

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### 4. First-aid measures

**After inhalation:**

Supply of fresh air, mouth-to-mouth resuscitation if necessary, keep warm. If adverse health effects persist seek medical advice.

**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:**

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 fire-fighters:**

Wear self-contained breathing apparatus.

Wear protective equipment.

**Combustion products or gases to be formed:**

Isocyanate vapors

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### 6. Accidental release measures

**General information:**

Keep away from sources of ignition and naked flames.

Danger of slipping on escaped product.

**Personal precautions:**

Ensure adequate ventilation.

Wear protective equipment.

Avoid contact with skin and eyes.

**Environmental precautions:**

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

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

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

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## 7. Handling and storage

### Handling:

- Ensure good ventilation/suction at the workplace.
- Avoid skin and eye contact.
- Avoid open flames and sources of ignition.
- No smoking.
- Take measures to prevent the build-up of electrostatic charges.
- The product is not self-igniting.

### Storage:

- Observe German VbF-guideline.
- Store in a cool, dry place.
- Storage at 15 to 25°C is recommended.

## 8. Exposure controls / personal protection

### Components with specific control parameters for workplace:

Valid for

Great Britain

Basis

Occupational Exposure Limits

Ingredient	ppm	mg/m <sup>3</sup>	Type	Category	Remarks
butanone; ethyl methyl ketone	200	600	Time Weighted Average (TWA).		
butanone; ethyl methyl ketone	300	899	Short Term Exposure Limit (STEL):		
butanone; ethyl methyl ketone			Skin designation:		Can be absorbed through the skin.
butanone; ethyl methyl ketone	300	900	EC Short Term Exposure Limit (STEL):		
butanone; ethyl methyl ketone	200	600	EU - Time Weighted Average (TWA).		
ethyl acetate					Listed.

### Respiratory protection:

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

### Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

### Eye protection:

- Wear tightly fitting goggles.

### Body protection:

- suitable protective clothing



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**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.
- Use only in well-ventilated areas.
- Ensure adequate ventilation/vacuum off.

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**9. Physical and chemical properties**

**General characteristics**

State:	liquid
Odor:	of methyl ethyl cetone
Color(s):	black

**Phys./chem. properties:**

Boiling point (1.013 hPa)	75 °C
Flash point	-4 °C
Density (20 °C)	0,98 g/cm <sup>3</sup>
Viscosity (dynamic) (; 20 °C)	9 - 19 mPa s
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.

Persons suffering from allergic reactions to isocyanates should avoid contact with the product.

**Skin irritation:**

Primary skin irritation: irritating

**Eye irritation:**

Primary eye irritation: irritating



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## 12. Ecological information

### General ecological information:

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

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## 13. Disposal considerations

### Waste code(EWC):

080409

### Product disposal:

Special waste incineration or special disposal with the approval of the responsible local authority.

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.

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## 14. Transport information

### Road transport ADR:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1139
Label:	3
Technical name:	COATING SOLUTION
Additional Information:	Special provision 640D

### Railroad transport RID:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1139
Label:	3
Technical name:	COATING SOLUTION
Additional Information:	Special provision 640D

### Inland water transport ADN:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1139
Label:	3
Technical name:	COATING SOLUTION
Additional Information:	Special provision 640D



**Marine transport IMDG:**

Class: 3  
Packaging group: II  
UN no.: 1139  
Label: 3  
EmS: F-E ,S-E  
Seawater pollutant:  
Proper shipping name: COATING SOLUTION

**Air transport IATA:**

Class: 3  
Packaging group: II  
Packaging instructions (passenger) 305  
Packaging instructions (cargo) 307  
UN no.: 1139  
Label: 3  
Proper shipping name: Coating solution,

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**15. Regulations - classification and identification**

**Symbols of danger:**

F - Highly flammable  
Xi - Irritant

**R-phrases**

R18 In use, may form flammable/explosive vapour-air mixture.  
R36/37 Irritating to eyes and respiratory system.

**S-phrases :**

S7 Keep container tightly closed.  
S8 Keep container dry.  
S23 Do not breathe vapour.  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S51 Use only in well-ventilated areas.

**Special declaration:**

Contains isocyanates. Observe manufacturer's instructions!

**National regulations/information:**

VOCV 814.018 VOC regulation CH 62 %

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## 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.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R43 May cause sensitization by 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.

