

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

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**HV 350 60LT TEROTEX**

SDS no. : 76537

V001.2

Revision: 23.07.2003

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

**Trade name:**

HV 350 60LT TEROTEX

**Intended use:**

Cavity sealing

**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

**General chemical description:**

Cavity conservation compound, solvent containing

**Base substances of preparation:**

wax, Resin, Rust inhibitor

**Declaration of ingredients:**

>= 50	%	HC aliph. arom. <0.1% benzene 130/190
		EINECS 265-185-4
		CAS 64742-82-1
		Symbol Xn, N
		R-phrases R10, R51/53, R65, R66, R67
<= 10	%	Petroleumsulfonate-Ca
		CAS 61789-86-4
		Symbol N
		R-phrases R51/53



**Technologies**  
Industrial Adhesives

### 3. Possible product risks

R10 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.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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:**

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:**

Do not induce vomiting, seek medical advice immediately.

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

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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.

**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.
- Use explosion-proof equipment.

### Storage:

- Observe German VbF-guideline.
- Store in a cool, well-ventilated place.
- Storage at 15 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
hydrocarbon mix, low content of aromatics	70	350			Group 2, See TRGS 901, Explanations and Basis for Exposure Limits in the Workplace Air, Part II Number 22.

### Respiratory protection:

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

### 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:

- Wear tightly fitting goggles.

### Body protection:

- suitable protective clothing

### General protection and hygiene measures:

- Do not eat, drink or smoke while working.
- 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.



## 9. Physical and chemical properties

### General characteristics

State:	liquid
Odor:	of petrol
Color(s):	light beige

### Phys./chem. properties:

Boiling point (1.013 hPa)	132 - 180 °C
Flash point	24 °C
Density (20 °C)	0,85 g/cm <sup>3</sup>
Indication of (Solid content)	39 %
Flow cup viscosity (20 °C; Type of cup: DIN-Cup; Nozzle: 4 mm)	14 s
Solubility (qualitative) (20 °C; Solvent: water)	insoluble
Explosion limit lower [vol%]	0,6 %(V)
upper [vol%]	6,5 %(V)

## 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.

## 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.

### Skin irritation:

Prolonged or repeated skin contact can lead to skin degreasing and hence to skin irritation.

## 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:**

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:	III
Classification code:	F1
Hazard ident. number:	30
UN no.:	1139
Label:	3
Technical name:	COATING SOLUTION
Additional Information:	Special provision 640E

**Railroad transport RID:**

Class:	3
Packaging group:	III
Classification code:	F1
Hazard ident. number:	30
UN no.:	1139
Label:	3
Technical name:	SCHUTZANSTRICHLÖSUNG
Additional Information:	Special provision 640E

**Inland water transport ADN:**

Class:	3
Packaging group:	III
Classification code:	F1
Hazard ident. number:	30
UN no.:	1139
Label:	3
Technical name:	COATING SOLUTION
Additional Information:	Special provision 640E



**Marine transport IMDG:**

Class: 3  
Packaging group: III  
UN no.: 1139  
Label: 3  
EmS: 3-05  
Seawater pollutant:  
Proper shipping name: COATING SOLUTION

**Air transport IATA:**

Class: 3  
Packaging group: III  
Packaging instructions (passenger) 309  
Packaging instructions (cargo) 310  
UN no.: 1139  
Label: 3  
Proper shipping name: Coating solution,

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**15. Regulations - classification and identification**

**Symbols of danger:**

N - Dangerous for the environment

**R-phrases**

R10 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.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

**S-phrases :**

S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour.  
S23 Do not breathe spray.  
S24 Avoid contact with skin.  
S33 Take precautionary measures against static discharges.  
S51 Use only in well-ventilated areas.  
S60 This material and its container must be disposed of as hazardous waste.  
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**National regulations/information:**

WGK: 2, water-endangering product. (German VwVwS of May 17, 1999 )  
Classification in conformity with the calculation method  
Storage class VCI: 3A  
VbF class: AII  
Technical regulations concerning air  
pollution:  
61 % (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.

R10 Flammable.

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

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

### **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.

