

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

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**Teroson Etch Primer**

SDS no. : 111691

V001.0

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

**Trade name:**

Teroson Etch Primer

**Intended use:**

Primer

**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 +44 (0)1707 358800

**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:**

Organic solvent, Dimethyl ether, Auxiliary

**Declaration of ingredients:**

> 25 -	< 50 %	Dimethylether	
		EINECS	204-065-8
		CAS	115-10-6
		Symbol	F+
		R-phrases	R12
> 10 -	< 25 %	Acetone	
		EINECS	200-662-2
		CAS	67-64-1
		Symbol	F, Xi
		R-phrases	R11, R36, R66, R67



**Technologies**  
Industrial Adhesives

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> 10 -	< 25 %	Xylene - mixture of isomeres	
		EINECS	215-535-7
		CAS	1330-20-7
		Symbol	Xn
		R-phrases	R10, R20/21, R38
> 2,5 -	< 10 %	Butanol-1-	
		EINECS	200-751-6
		CAS	71-36-3
		Symbol	Xn
		R-phrases	R10, R22, R37/38, R41, R67
> 2,5 -	< 10 %	Propanol-2	
		EINECS	200-661-7
		CAS	67-63-0
		Symbol	F, Xi
		R-phrases	R11, R36, R67

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### 3. Possible product risks

R12 Extremely flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
In use may form flammable/explosive dust-air mixtures.

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### 4. First-aid measures

**After inhalation:**

On inhalation of concentrated spray mist: fresh air; if adverse health effects persist seek medical advice.

**After skin contact:**

Rinse with running water and soap.

**After eye contact:**

Rinse immediately with plenty of running water, seek medical advice from a specialist.

**After ingestion:**

Do not induce vomiting, seek medical advice immediately.

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### 5. Fire-fighting measures

**Suitable extinguishing media:**

fine water spray  
water spray jet  
Alcohol-resistant foam  
carbon dioxide

**Extinguishing media which must not be used for safety reasons:**

Water jet (solvent-containing product).

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

Wear self-contained breathing apparatus.



**Special hazards by the product itself:**

Cool aerosol containers with jet of water. Containers may explode.

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

Toxic and irritating vapors forming ignitable mixtures with air.

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## 6. Accidental release measures

**Personal precautions:**

- Wear protective equipment.
- Keep unprotected persons away.
- Avoid contact with skin and eyes.
- Ensure adequate ventilation.

**Environmental precautions:**

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

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

Wipe up using absorbent material and subject to waste incineration.

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## 7. Handling and storage

**Handling:**

- Ensure good ventilation/suction at the workplace.
- The normal precautions for dealing with chemical products should be taken.
- Use explosion-proof equipment.
- Do not spray against flames or glowing bodies. Keep away from sources of ignition - no smoking.
- Avoid open flames.

**Storage:**

- Avoid strictly temperatures below 0 °C and above + 50 °C.
  - Keep away from heat and direct sunshine.
  - Store in a cool, well-ventilated place.
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## 8. Exposure controls / personal protection

### Components with specific control parameters for workplace:

Valid for

EEC MSDS-States

Basis

Germany - Occupational Exposure Limits

Ingredient	ppm	mg/m <sup>3</sup>	Type	Category	Remarks
acetone; propan-2-one; propanone	500	1.210	EU - Time Weighted Average (TWA).		
acetone; propan-2-one; propanone	1.500	3.620	Short Term Exposure Limit (STEL):		
acetone; propan-2-one; propanone	500	1.210	EU - Time Weighted Average (TWA).		
xylene	50	220	EU - Time Weighted Average (TWA).		
xylene	100	441	Short Term Exposure Limit (STEL):		
xylene			Skin designation:		Can be absorbed through the skin.
xylene	50	221	EU - Time Weighted Average (TWA).		
xylene	100	442	Short Term Exposure Limit (STEL):		
xylene			Skin designation:		Can be absorbed through the skin.
butan-1-ol; n-butanol					Listed.
butan-1-ol; n-butanol	50	154	Short Term Exposure Limit (STEL):		
butan-1-ol; n-butanol			Skin designation:		Can be absorbed through the skin.
propan-2-ol; isopropyl alcohol; isopropanol	400	999	EU - Time Weighted Average (TWA).		
propan-2-ol; isopropyl alcohol; isopropanol	500	1.250	Short Term Exposure Limit (STEL):		

### Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Filter A2 is recommended in cases of prolonged exposure.

### Hand protection:

Use suitable protective gloves made of butyl rubber. 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:

Keep away from food, beverages and animal feed.

Wash hands before work breaks and after finishing work.

Wash off any dirt that gets onto the skin with lots of soap and water, skin care.

Do not breathe solvent vapors.



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## 9. Physical and chemical properties

### General characteristics

Delivery state:	aerosol
State:	Sprayable
Odor:	characteristic
Color(s):	varied, according to coloration

### Phys./chem. properties:

Boiling point	-24 °C
Flash point	< 0 °C
Density (20 °C)	0,829 g/cm <sup>3</sup>
Solubility (qualitative) (Solvent: water)	not miscible or difficult to mix

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## 10. Stability and reactivity

### Conditions to avoid:

None known if used to the intended purpose.  
Temperatures over appr. 50 °C

### 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.

### Acute oral toxicity:

Harmful if swallowed.

### Acute inhalative toxicity:

Harmful by inhalation.

### 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):**

140603

**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.

**Disposal of uncleaned packages:**

Completely empty pressurized gas containers (including propellant gas).  
EWC/EAK 150104

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### 14. Transport information

**Road transport ADR:**

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

**Railroad transport RID:**

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	23
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

**Inland water transport ADN:**

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS



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**Marine transport IMDG:**

Class:	2.1
Packaging group:	
UN no.:	1950
Label:	2.1
EmS:	F-D ,S-U
Seawater pollutant:	
Proper shipping name:	AEROSOLS

**Air transport IATA:**

Class:	2.1
Packaging group:	
Packaging instructions (passenger)	203
Packaging instructions (cargo)	203
UN no.:	1950
Label:	2.1
Proper shipping name:	Aerosols, flammable

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**15. Regulations - classification and identification**

**Symbols of danger:**

Xn - Harmful  
F+ - Extremely flammable

**Hazard trigger:**

Xylene - mixture of isomeres

**R-phrases**

R20/21 Harmful by inhalation and in contact with skin.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.

**S-phrases :**

S23 Do not breathe spray.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well-ventilated areas.

**Special declaration:**

Container is pressurized.  
Do not spray onto flames or red-hot objects. Keep away from sources of ignition - no smoking. Keep out of the reach of children.  
Keep away from direct sunlight and temperatures over 50°C.

**National regulations/information:**

VOCV 814.018 VOC regulation CH 85 %



## 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.

R12 Extremely flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R10 Flammable.

R20/21 Harmful by inhalation and in contact with skin.

R38 Irritating to skin.

R22 Harmful if swallowed.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

### **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.

