



Product description:

Etch Primer is based on a poly-vinyl-butyril resin. It has lead free pigment 12 percent solids.

Gives excellent adhesion to well scuffed ferrous and non-ferrous metals, including aluminium and well-flatted GRP, polyester fillers, works primers and old finishes in sound condition.

It builds up a tough film that is easy to sand and has excellent adhesion and filling properties.

After completely hardening Etch Primer Grey can be over-painted with a wide range of other paints e.g. alkyd, cellulose, epoxy based and waterborne.

For professional use only.

Application:

- ?? Surface must be clean and dry and free of rust and dirt.
- ?? Cover or mask the parts, which should not be painted.
- ?? Shake the aerosol well for 2-3 minutes.
- ?? Apply 2-3 coats from a distance of approximately 30cm (12 inches).
- ?? Allow 3-5 minutes flash-off between coats.
- ?? To avoid the nozzle clogging, after use turn aerosol upside down and spray until only gas comes out.

Coverage:

400ml will cover 1-2 m² dependant on the film thickness of 2 to 3 layers.

Drying Time:

Tack- Free in approximately 10 minutes

Over-paintable after 15 minutes

Sandable after 30 minutes

Flatting Grades:

Wet or Dry Use Grades P260 to P320

On GRP use grade P400

Machine dry sanding use Grades P220 to P280

If applying Top coat Direct:

Wet sanding use grade P800

Machine dry sanding use Grade P360



Caution:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – No smoking. Use in a well-ventilated area a build-up of explosive mixtures possible without sufficient ventilation

- ?? Extremely flammable.
- ?? Harmful by inhalation and in contact with skin.
- ?? Irritating to eyes.
- ?? Repeated exposure may cause skin dryness or cracking.

- ?? Keep out of reach of children.
- ?? Do not breathe aerosol.
- ?? Avoid contact with eyes.
- ?? In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- ?? If swallowed, seek medical advice immediately and show this container or label.

Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labelled. Optimal storage is at the lower half of this temperature range. For specific shelf-life information, contact your local Technical Service Centre.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Loctite Adhesives specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Loctite Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications

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

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Teroson Etch Primer

SDS no. : 111691

V001.0

Revision: 27.02.2004

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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

> 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

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.

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.

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.

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.

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 ³	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.



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 ³
Solubility (qualitative) (Solvent: water)	not miscible or difficult to mix

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.

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

12. Ecological information

General ecological information:

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



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

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



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

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.

