

**COBRA EPOXY ANTI-CORROSION EPOXY PRIMER**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**COBRA EPOXY ANTI-CORROSION EPOXY PRIMER**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Epoxy primer (component A) for application with the use of a spray gun. For professional use in car refinishing.

**1.3. Data of the supplier Safety Data Sheet**

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**1.4. Emergency telephone number** +48 61 810-99-09 (from 7.00 to 15.00)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

The mixture was classified as dangerous pursuant to current regulations - see Section 15.

**Classification 1272/2008/EC:**

Skin irritation, hazard category 2 (Skin Irrit.2). Causes skin irritation.  
Skin sensitization, hazard category 1 (Skin Sens. 1). May cause skin sensitization.  
Serious eye damage, hazard category 1 (Eye Dam. 1). Causes serious eye damage.  
Flammable liquid, hazard category 3. (Flam. Liq. 3). Flammable liquid and vapour.

**2.2. Label elements:**

Contains:

Butyl alcohol  
Contains epoxy ingredients. May cause an allergic reaction.

Pictograms:



Signal word:

Danger

H226  
H315  
H317  
H318

Flammable liquid and vapour.  
Causes skin irritation.  
May cause skin sensitization.  
Causes serious eye damage.

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261

Avoid breathing vapours/spray.

P271

Use only outdoors or in a well-ventilated area.

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312

Call a doctor if you feel unwell.

**2.3. Other hazards**

No available data.

**COBRA EPOXY ANTI-CORROSION EPOXY PRIMER**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not applicable.

**3.2. Mixtures**

**Product identifier**

**COBRA EPOXY ANTI-CORROSION EPOXY PRIMER**

<b>Substance name</b>	<b>Identification numbers</b>	<b>Classification and marking</b>	<b>Concentration [wt%]</b>
reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight > 700 - <1100)	EC: NLP CAS: 25068-38-6 Index no.: --- Registration no.: ---	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	15-35
Xylene	EC: 215-535-7 CAS: 1330-20-7 Index no.: 601-022-00-9 Registration no.: 01- 2119488216-32-XXXX	Flam. Liq. 3; H226; Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit.2; H315	15-25
Butyl alcohol	EC: 200-751-6 CAS: 71-36-3 Index no.: 603-004-00-6 Registration no.: 01- 2119484630-38-XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H302 STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336	2-5

The full text of the hazard statements (H) is provided in Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures:**

General information:

See section 11 of the Safety Data Sheet.

Inhalation:

Take the victim outside into fresh air, ensure quiet surrounding; in case of no breath, apply artificial respiration. Call a doctor.

Skin:

Take off contaminated clothing. Rinse contaminated skin with plenty of lukewarm water for about 15 minutes. If irritation persists, consult a doctor.

Eyes:

Rinse immediately with plenty of lukewarm water for about 15 minutes, avoid strong water jet-risk of cornea damage, consult a doctor.

Alimentary tract:

Do not provoke vomiting (choking risk). Rinse mouth with water. If conscious, administer 1-2 glasses of warm water. Call a doctor.

Person giving first aid should wear medical gloves.

**4.2. Most important symptoms and effects, both acute and delayed**

Fumes might cause drowsiness and vertigo. Repeated exposure might cause skin dryness or rupture.

**4.3. Indications of any immediate medical attention and special treatment needed**

Special measures allowing for specialist and immediate aid should be available in the place of work.

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**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Powder, foam resistant to alcohols, carbon dioxide, water mist.

**5.2. Special hazards arising from the substance or mixture**

Fire may cause generation of carbon monoxide and other toxic gases.

**5.3. Advice for firefighters**

Fire-fighting teams should wear self-contained breathing apparatus and light protective clothing. Cool adjacent tanks by spraying water at a safe distance.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

For persons not being the members of aid giving staff:

Eliminate sources of ignition. Ensure sufficient ventilation of the room. Avoid direct contact with the released substance. Avoid contact with skin and eyes. Personal protection measures - section 8 of the Safety Data Sheet.

For persons giving aid:

Persons giving aid should wear protective clothing made of coated, impregnated fabric, protective gloves (viton), tight protective glasses and breathing apparatus: gas mask with A type absorber.

**6.2. Environmental precautions**

Prevent leakage to the sewage system, surface waters, underground waters and soil.

**6.3. Methods and materials for containment and cleaning up**

Stop the leakage (close the liquid inflow, seal), place damaged container in an emergency container, remove the liquid mechanically and place it in an emergency container. In case of large leakage, embank the area. In case of small amounts, collect with the use of a binding agent (e.g. mica, diatomaceous earth, sand).

**6.4. Reference to other sections**

Personal protection measures - see section 8 of the Safety Data Sheet.

Disposal considerations - see section 13 of the Safety Data Sheet.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Keep away from heat and fire sources. Prevent leakage to the sewage system, surface waters, underground waters and soil. Use in well ventilated rooms. Do not smoke. Do not inhale fumes. Avoid contact with skin and eyes. Take precaution measures against electrostatic discharge. Use personal protection measures - section 8 of the Safety Data Sheet.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly sealed, original containers. Do not store near large amounts of organic peroxides and other strong oxidants. Take precaution measures against electrostatic discharge. Store in well ventilated rooms at +5 °C to +35°C. Protect from influence of sunrays and heat sources.

**7.3. Special end use(s)**

Primers (component A) for application with a spray gun. For professional use in car refinish taking into consideration the information included in subsections 7.1 and 7.2.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**8.1. Control parameters**

Xylene CAS 1330-20-7 according to:

- TRGS 900: MAK: 100ppm, MAK: 440 mg/m<sup>3</sup>, 2(II),DFG, H
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]: TWA 50 mg/m<sup>3</sup>, 220mg/m<sup>3</sup>, STEL 100ppm, 441 mg/m<sup>3</sup>, Sk, BMGV

Butan-1-ol CAS 71-36-3 according to:

- TRGS 900: MAK: 100ppm, MAK: 310 mg/m<sup>3</sup>, 1(I),DFG, Y
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]: STEL 50ppm, 154 mg/m<sup>3</sup>,Sk

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**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**8.2. Exposure control**

Respiratory tract protection:

Gas mask with A type absorber (EN 141).

Hand protection:

Protective gloves PN-EN 374-3 (viton, 0.7 mm thick, penetration time > 480 min, nitrile rubber, 0,4 mm thick, penetration time > 30 min)

Eye protection:

Tight protective glasses.

Skin protection:

Proper protective clothing (coated impregnated fabrics).

Workplace:

Fixed fume extraction and general ventilation.

Environmental exposure control:

Prevent leakage to the sewage system, surface waters, underground waters and soil.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

Physical state	viscous liquid
Colour	according to the specification
Odour	strong, powerful
Odour threshold	0.9-9 mg/m <sup>3</sup> (Xylene)
pH	not applicable
Melting/freezing point	not applicable
Boiling point	Approx. 140°C
Flash point	25°C
Autoignition point	Approx. 350°C
Breakdown point	not specified
Evaporation rate	not specified
Flammability (solid, gas)	not applicable
Explosion limits	% bottom: 1.1 vol% top: 8.0 vol% (xylene)
Vapour pressure	9 hPa (20°C)(xylene)
Vapour density (with regard to air)	3.66 (xylene)
Density	about 1.5 g/cm <sup>3</sup> (20°C)
Solubility (in water)	insoluble
N-octanol/water division ratio	3.12-3.2 (xylene)
Viscosity (rotation rheometer)	no data
Explosive properties	not applicable
Oxidizing properties	not applicable

**9.2 Other informations**

No available data.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

The product is not reactive under normal conditions.

**10.2. Chemical stability**

The product remains stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Carbon monoxide and other toxic gases are generated as a result of thermal decomposition.

**10.4. Conditions to avoid**

Flammable product. Avoid contact with strongly oxidizing agents, peroxides, strong acids and bases. Avoid generation and accumulation of static electricity. Protect from the influence of sunrays and heat sources.

**10.5. Incompatible materials**

Avoid contact with large amounts of organic peroxides, strong acids and bases as well as other strong oxidants.

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**SECTION 10: STABILITY AND REACTIVITY**

**10.6. Hazardous decomposition products**

Carbon monoxide and other toxic gases are generated as a result of thermal decomposition.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

No experimental data available on the preparation. Evaluation was performed based on the data on dangerous ingredients included in the preparation.

**a) Acute toxicity**

Xylene	LD <sub>50</sub> (rat, ingestion)	5000 mg/kg
	LC <sub>50</sub> (rat, inhalation)	4550 ppm/4h

Butan-1-ol	LD <sub>50</sub> (rat, ingestion)	790 mg/kg
	LC <sub>50</sub> (rat, inhalation)	800 ppm/4h

epoxy resin (number average molecular weight ≤ 700)	LD <sub>50</sub> (rat, skin)	11400 mg/kg
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**b) Skin corrosion/irritation**

Causes skin irritation.

**c) serious eye damage/irritation**

Causes serious eye damage.

**d) respiratory or skin sensitisation**

May cause skin sensitization.

**e) germ cell mutagenicity**

The mixture has not been classified as mutagenic. No available data confirming the hazard class.

**f) carcinogenicity**

The mixture has not been classified as cancerogenic. No available data confirming the hazard class.

**g) reproductive toxicity**

The mixture has not been classified as having any harmful effect on reproduction. No available data confirming the hazard class.

**h) STOT-single exposure**

No available data confirming the hazard class.

**i) STOT- repeated exposure**

No available data confirming the hazard class.

**j) aspiration hazard**

No available data confirming the hazard class.

**Exposure methods:**

Inhalation: May cause irritating effect.

Skin: Causes skin irritation. May cause skin sensitization.

Eyes: Causes serious eye damage.

If swallowed, the substance may cause irritation of the alimentary tract, nausea, vomiting and diarrhoea.

**SECTION 12: ECOLOGICAL INFORMATION**

No experimental data available on the preparation. Evaluation was performed based on the data on dangerous ingredients included in the preparation.

**12.1. Toxicity**

Xylene	Daphnia magna EC50 (48hours.) > 7.4 mg/l
	Evaluation indicator of acute toxicity for mammals: 3; for fish: 4.1
	Number in the catalogue of water hazardous substances: 206
	Water hazard class: 2

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**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Butan-1-ol

Evaluation indicator of acute toxicity for mammals: 1; for fish: 2.9  
Number in the catalogue of water hazardous substances: 39  
Water hazard class: 2

**12.2. Persistence and degradability**

No available data.

**12.3. Bioaccumulative potential**

No available data.

**12.4. Mobility in soil**

Product very poorly soluble in water.

**12.5. Results of PBT and vPvB assessment**

No available data.

**12.6. Other adverse effects**

No available data.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

The product must be disposed of in compliance with proper local and statutory regulations with regard to waste - see point 15. The product should be disposed with entities which are authorised to conduct activity in the area of collecting, recycling or utilization of waste.

Product remains:

Do not dispose the product into the sewage system. Do not store with communal waste. Remove the remains of the mixture carefully and harden with the use of the proper B component, (waste) hardener included in the set. The hardened product is not harmful waste.

**CAUTION:** harden the remains in small portions and keep them away from flammable products. High amounts of heat are released during chemical reaction!

Contaminated container:

A container containing unhardened remains of the product is harmful waste. Do not store with communal waste. The contaminated container should be disposed with entities which are authorized to collection, recover or disposal.

**SECTION 14: TRANSPORT INFORMATION**

	ADR/RID	IMO/IMGD	IATA-DGR
<b>14.1. UN number</b>	1263	1263	1263
<b>14.2. UN proper shipping name</b>		PAINT	
<b>14.3. Transport hazard class(es)</b>	3	3	3
<b>14.4. Packaging group</b>	III	III	III
<b>14.5. Environmental hazards</b>	none	none	none
<b>14.6. Special precautions for user</b>	Do not transport together with materials of class 1 (excluding materials of class 1.4S) and some materials of classes 4.1 and 5.2. During transport, avoid direct contact with materials of classes 5.1 and 5.2. Do not use an open flame and do not smoke.		
<b>14.7. Transport in bulk according to Annex II of MARPOL Convention and the IBC Code</b>	Not applicable.		

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**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH - Regulation 2006/1907/WE  
CLP - Regulation 1272/2008/WE

**15.2. Chemical safety assessment**

Not performed

**SECTION 16: OTHER INFORMATION**

**Relevant hazard statements listed in Sections 2 to 15:**

H226 Flammable liquid and vapour  
H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H332 Harmful if inhaled  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness

**Explanation of the abbreviations and acronyms used in the Safety Data Sheet**

Acute Tox. 4 Acute toxicity. Category 4  
Eye Dam. 1 Serious eye damage.  
Eye Irrit. 2 Eye irritation. Category 2  
Flam. Liq.3 Flammable liquid. Category 3  
Skin Irrit. 2 Corrosive/irritating effect on skin. Category 2  
Skin Sens. 1 Skin sensitization.  
STOT SE 3 Specific target organ toxicity – single exposure, Category 3  
CAS no – numerical symbol ascribed to a chemical substance by the American organization, Chemical Abstracts Service (CAS).  
EC no. – a number ascribed to a chemical substance in the European List of Notified Chemical Substances (ELINCS) or a number in the European Inventory of Existing Chemical Substances mention in "No-longer polymers" publication (EINECS)  
MPC – maximum permissible concentration of health hazardous substances in the work place  
MPIC – maximum permissible instantaneous concentration  
MPCC - maximum permissible ceiling concentration  
PCB - permissible concentration in biological material  
UN number - four-digit identification number of a substance, preparation or product pursuant to UN model regulations  
ADR – European agreement on international road transport of hazardous materials  
IMO – International Marine Organization  
RID – Regulations for international rail transport of hazardous materials  
IMDG-Code – International marine code for hazardous materials  
ICAO /IATA – Technical Instructions for Safe Air Transport of Hazardous Materials

The information is based on our current knowledge. This document shall not constitute warranty for product characteristics. Classification was made by calculation method according to the classification rules contained in Regulation 1272/2008/WE.

**Other sources of information**

ECHA European Chemicals Agency  
TOXNET Toxicology Data Network  
IUCLID International Uniform Chemical Information Database

Changes: General update

**Trainings:**

With regard to handling, health and safety while working with hazardous substances and mixtures.  
With regard to transport of hazardous goods pursuant to the requirements of ADR regulations.

Issued by: NOVOL Sp. z o.o.