



SAFETY DATA SHEET
CUT EDGE & CORROSION PRIMER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Cut Edge & Corrosion Primer

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

Identified uses Paint.

1.3. Details of the supplier of the safety data sheet

Supplier LIQUASIL LTD
UNIT 8
RADWAY ROAD
SOLIHULL
WEST MIDLANDS
B90 4NR

Tel: 0121 709 5352

Contact person info@liquasil.com

1.4. Emergency telephone number

Emergency telephone 0121 709 5352 (Not 24 Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification—

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Resp. Sens. 1 - H334 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) R42/43. Xi;R36/37/38. R10,R52/53.

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements

H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H412
 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 [In case of inadequate ventilation] wear respiratory protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

PREPOLYMER BASED ON DIPHENYLMETHANE DIISOCYANATE, TOSYL ISOCYANATE

Supplementary precautionary statements

P261 Avoid breathing vapour/spray.
 P264 Wash contaminated skin thoroughly after handling. P273
 Avoid release to the environment.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

XYLENE	5-10%
CAS number: 1330-20-7	EC number: 215-535-7
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21 Xi;R38
PREPOLYMER BASED ON DIPHENYLMETHANE DIISOCYANATE	5-10%
CAS number: 67815-87-6	
Classification Resp. Sens. 1 - H334 Skin Sens. 1 - H317	Classification (67/548/EEC or 1999/45/EC) R42/43.

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DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues		1-5%
CAS number: 9016-87-9		
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xn;R20. Xi;R36/37/38. R42.	
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC		1-5%
CAS number: 64742-95-6		
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. N;R51/53. R10,R66,R67.	
TOSYL ISOCYANATE		1-5%
CAS number: 4083-64-1	EC number: 223-810-8	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) R14 R42 Xi;R36/37/38	
1,2,4-TRIMETHYLBENZENE		1-5%
CAS number: 95-63-6	EC number: 202-436-9	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Acute Tox. 4 - H332 STOT SE 3 - H335 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20 Xi;R36/37/38 N;R51/53	
ISOBUTYL METHYL KETONE		1-5%
CAS number: 108-10-1	EC number: 203-550-1	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 Acute Tox. 4 - H332 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) F;R11 Xn;R20 Xi;R36/37 R66	

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ETHYLBENZENE		<1%
CAS number: 100-41-4	EC number: 202-849-4	
Classification		
Flam. Liq. 2 - H225		Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H332		F;R11 Xn;R20
Asp. Tox. 1 - H304		
NAPHTHA (PETROLEUM), HYDROTREATED		<1%
CAS number: 64742-48-9	EC number: 265-150-3	
Classification		
Flam. Liq. 3 - H226		Classification (67/548/EEC or 1999/45/EC)
Asp. Tox. 1 - H304		Xn;R65. R10,R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

4.3. Indication of any immediate medical attention and special treatment needed

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Chemical storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m³(Sk)

DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)

TOSYL ISOCYANATE

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)

ISOBUTYL METHYL KETONE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 208 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 416 mg/m³(Sk)

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m³(Sk)

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

CUMENE

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Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk) 125 mg/m³(Sk) Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 250 mg/m³(Sk) WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Grey.
Odour	Characteristic.
Flash point	23 - 55°C
Relative density	2.10 - 2.20

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of 344 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

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10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 17,457.82

Acute toxicity - inhalation

ATE inhalation (gases ppm) 49,222.49

ATE inhalation (vapours mg/l) 120.32

ATE inhalation (dusts/mists mg/l) 16.41

Inhalation Irritating to respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact May cause sensitisation by skin contact. Irritating to skin.

Eye contact Irritating to eyes.

SECTION 12: Ecological Information

Ecotoxicity Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

UN No. (ADN) 1263

14.2. UN proper shipping name

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Proper shipping name (ADR/RID) PAINT

Proper shipping name (IMDG) PAINT

Proper shipping name (ICAO) PAINT

Proper shipping name (ADN) PAINT

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ADN packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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Guidance

Workplace Exposure Limits EH40.
 CHIP for everyone HSG228.
 Safety Data Sheets for Substances and Preparations.
 Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	18/02/2016
Revision	2
Supersedes date	24/02/2014
Risk phrases in full	<p>R10 Flammable.</p> <p>R11 Highly flammable.</p> <p>R14 Reacts violently with water.</p> <p>R20 Harmful by inhalation.</p> <p>R20/21 Harmful by inhalation and in contact with skin.</p> <p>R36/37 Irritating to eyes and respiratory system.</p> <p>R36/37/38 Irritating to eyes, respiratory system and skin. R37 Irritating to respiratory system.</p> <p>R38 Irritating to skin.</p> <p>R42 May cause sensitisation by inhalation.</p> <p>R42/43 May cause sensitisation by inhalation and skin contact.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.</p>
Hazard statements in full	<p>H225 Highly flammable liquid and vapour.</p> <p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.</p> <p>H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.