



**Safety data sheet**  
**according to UK REACH**

Printing date 15.05.2025

Version number: 1.13

Revision: 01.02.2025

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

- **1.1 Product identifier** For industrial and professional use only.
- **Trade name:** Epoxy Primer EP2 LT Grey EP2 (5L PACK) & EP2/1 (1L PACK)
- **Article number:** 6727
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Surface Coating
- **Application of the substance / the mixture** Surface Coating
  - **Article number(s):**
  - **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
  - **Application of the substance / the preparation:** Coating
- **1.3 Details of the supplier of the safety data sheet** · **Manufacturer / Supplier:**
  - Quartz Refinish Limited, Morleys Group
  - 250 Osmaston Road, Derby
  - DE23 8LB, England
- **E-mail address of the competent person responsible for the Safety Data Sheet:**  
info@spraygunsdirect.co.uk
- **Informing department:** Sprayguns Direct Limited Morleys Group
- **1.4 Emergency telephone number:** +44 1332 611893

Phone: +44 1332 611893

Fax: +44 1332 331611

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### SECTION 2: Hazards identification

#### · 2.1 Classification of the substance or mixture

##### · Classification according to Regulation (EC) No 1272/2008 Flam.

Liq. 3            H226 Flammable liquid and vapour.

Skin Irrit. 2            H315 Causes skin irritation.

Eye Dam. 1            H318 Causes serious eye damage.

Skin Sens. 1            H317 May cause an allergic skin reaction.

STOT RE 2            H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

#### · 2.2 Label elements

##### · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

##### · Hazard pictograms



GHS02 GHS05 GHS07 GHS08 GHS09

##### · Signal word Danger

##### · Hazard-determining components of labelling:

Reaction product: bisphenol A-(epichlorohydrin); epoxy resin (number average molecular weight &gt; 700) isobutanol

Xylene (mix)

##### · Hazard statements

H226 Flammable liquid and vapour.

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H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects. · **Precautionary statements**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### · 2.3 Other hazards

##### · Results of PBT and vPvB assessment ·

**PBT:** Not applicable.· **vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · **Dangerous components:**

CAS: 25068-38-6 NLP: 500-033-5 Reg.nr.: 01-2119456619-26-xxxx	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin ~ Aquatic Chronic 2, H411 ~ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	10-25%
CAS: 90989-38-1 EINECS: 292-694-9 Reg.nr.: 01-2119486136-34	Xylene (mixed isomers) ~ Flam. Liq. 3, H226 ~ Asp. Tox. 1, H304 ~ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10-25%
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40-0000	trizinc bis(orthophosphate) ~ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	10-25%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol ~ Flam. Liq. 3, H226 ~ STOT SE 3, H336	2.5-10%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	Xylene (mix) ~ Flam. Liq. 3, H226 ~ STOT RE 2, H373; Asp. Tox. 1, H304 ~ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412	2.5-10%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23-XXXX	isobutanol ~ Flam. Liq. 3, H226 ~ Eye Dam. 1, H318 ~ Skin Irrit. 2, H315; STOT SE 3, H335-H336	2.5-10%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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**Trade name: Epoxy Primer EP2 LT Grey****SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information:** Immediately remove any clothing soiled by the product.

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**After inhalation:**

Supply fresh air and call for a doctor.

In case of unconsciousness place patient stably in side position for transportation. Supply fresh air; consult doctor in case of complaints.

**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing.

**· After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**· After swallowing:**

Do not induce vomiting; call for medical help immediately and show safety datasheet or label.

**· 4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**· 4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

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**SECTION 5: Firefighting measures****· 5.1 Extinguishing media****· Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**· 5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**· 5.3 Advice for firefighters****· Protective equipment:** Mount respiratory protective device.**SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

**· 6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**· 6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**· 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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**Trade name: Epoxy Primer EP2 LT Grey****SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Keep receptacles tightly sealed.  
Ensure good ventilation/extraction at the workplace.  
Prevent formation of aerosols.  
Hygiene measures:  
Wash hands before breaks and at the end of workday.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed and in a well-ventilated place.  
Keep away from heat.
- **7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

· **Additional information about design of technical facilities:** No further data; see section 7.

#### · **Ingredients with limit values that require monitoring at the workplace:**

##### **107-98-2 1-methoxy-2-propanol**

WEL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm  
Sk

##### **1330-20-7 Xylene (mix)**

WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

##### **78-83-1 isobutanol**

WEL Short-term value: 231 mg/m<sup>3</sup>, 75 ppm Long-term value: 154 mg/m<sup>3</sup>, 50 ppm

#### · **PNECs**

CAS No. 1330-20-7 Xylene mixed isomers

- Fresh water; 0.327 mg/l
- Marine water; 0.327 mg/l
- Intermittent release; 0.327 mg/l
- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg

#### · **Ingredients with biological limit values:**

##### **1330-20-7 Xylene (mix)**

BMGV 650 mmol/mol creatinine  
Medium: urine  
Sampling time: post shift  
Parameter: methyl hippuric acid

· **Additional information:** The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

##### · **Personal protective equipment:**

##### · **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes and skin.

· **Respiratory protection:** When spraying the product, use a respiratory protective device.

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· **Protection of hands:** S Protective gloves

· **Eye protection:**

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**R** Tightly sealed goggles

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information · Appearance:

**Form:** Liquid  
**Colour:** Light grey  
**· Odour:** Characteristic  
**· Odour threshold:** Not determined.

· **pH-value:** Not determined.

##### · Change in condition

**Melting point/freezing point:** Undetermined.  
**Initial boiling point and boiling range:** 108 °C

· **Flash point:** 24 °C

· **Flammability** Flammable.

· **Auto-ignition temperature:** 287 °C

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.

##### · Explosion limits:

**Lower:** 1.0 Vol %  
**Upper:** 7.0 Vol %

· **Vapour pressure at 20 °C:** 6.7 hPa

· **Density at 20 °C:** 1.453 g/cm<sup>3</sup> · **Relative density**

Not determined. · **Vapour density** Not determined. · **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:** Fully miscible.

· **Partition coefficient: n-octanol/water:** Not determined.

##### · Viscosity:

**Dynamic at 20 °C:** 210 mPas  
**Kinematic:** Not determined.

##### · Solvent content:

**Organic solvents:** 32.7 %

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### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal conditions
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No dangerous decomposition products when stored and handled correctly

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<b>Solids content:</b>	67.1 %
<b>· 9.2 Other information</b>	No further relevant information available.

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### SECTION 11: Toxicological information

#### · 11.1 Information on toxicological effects

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Dermal	LD50	10,829 mg/kg
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#### · Primary irritant effect:

##### · Skin corrosion/irritation

Causes skin irritation.

##### · Serious eye damage/irritation

Causes serious eye damage.

##### · Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### · Additional toxicological information:

##### · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

##### · STOT-repeated exposure

May cause damage to the hearing organs through prolonged or repeated exposure.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

#### · Ecotoxicological effects:

· **Remark:** Toxic for fish

#### · Additional ecological information:

##### · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water; water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

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poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

#### · 12.5 Results of PBT and vPvB assessment ·

**PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods ·

##### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### · Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

#### · 14.1 UN-Number

· ADR, IMDG, IATA

UN1263

#### · 14.2 UN proper shipping name

· ADR

1263 PAINT, ENVIRONMENTALLY HAZARDOUS

· IMDG

PAINT, MARINE POLLUTANT

· IATA

PAINT

#### · 14.3 Transport hazard class(es)

· ADR, IMDG

dc

â'

· Class

3 Flammable liquids.

· Label

3

· IATA

dc

· Class

3 Flammable liquids.

· Label

3

#### · 14.4 Packing group

· ADR, IMDG, IATA

III

#### · 14.5 Environmental hazards:

Product contains environmentally hazardous substances:  
trizinc bis(orthophosphate)

· Marine pollutant:

Symbol (fish and tree)

· Special marking (ADR):

Symbol (fish and tree)

#### · 14.6 Special precautions for user

Warning: Flammable liquids.

· Hazard identification number (Kemler code):

30

· EMS Number:

F-E,S-E

· Stowage Category

A

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· **14.7 Transport in bulk according to Annex II of  
Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category**

3

· **Tunnel restriction code**

D/E

· **IMDG**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **UN "Model Regulation":**

UN 1263 PAINT, 3, III, ENVIRONMENTALLY

HAZARDOUS

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### SECTION 15: Regulatory information

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

· **MAK (German Maximum Workplace Concentration)**

14807-96-6	Hydrated magnesium silicate	3B
13463-67-7	titanium dioxide	3A
100-41-4	ethylbenzene	3A
14808-60-7	Quartz (SiO <sub>2</sub> )	1
1333-86-4	Carbon black	3B

· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
NK	32.7

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· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Full text of H-Statements referred to under sections 2 and 3:**

H226 Flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 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.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

· **Department issuing SDS:** Product safety department: LABORATORY

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 PNEC: Predicted No-Effect Concentration (UK REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative  
 ATE: Acute toxicity estimate values  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Aquatic  
 Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 ·

\* **Data compared to the previous version altered.**