

SAFETY DATA SHEET

LS88 Windscreen Chip Repair

Date: October 28, 2013
Version: 1.0

SECTION 1. IDENTIFICATION OF PRODUCT & COMPANY

- 1.1 **Product Identification:** LS88 Windscreen Chip Repair
- 1.2 **Product Use:** Specific Use: Glass filling/Scratch Repair
- 1.3 **Company Identification:** Beal Uk Ltd
Sterling Works
Texas St
Tingley
Leeds
LS27 0HG
- 1.4 **Emergency Telephone** +44(0)113 253 8888

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 **Hazard Description:** Xi Irritant
- 2.2 **Classification System:** The classification is according to the latest editions of the EU-lists and extended by company and literature data.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 **Chemical Characterization Description:** Mixture of substances listed below with non-hazardous addition.

3.2 Hazardous Components:	CAS No.	EINEC No.	Conc. Range	Hazard Symbol	Risk Phrases
2-Hydroxyethyl methacrylate	868-77-9	212-782-2	>97%	Xi	R36/38-43
Methacrylic Acid C,	79-41-4	201-177-9	0.5-1.5%	Xn, Xi, N	R21/22. R36/37/38, R10-20/21/22-35-50
Mequinol: 4 methoxyphenol: Hydroquinone monomethyl ether	150-76-5	205-769-8	200ppm	Xn, Xi	R22, R36-43

- 3.3 **Explanation of Risk Phrases:** Full text for Risk Phrases stated in section 16

T+=Very Toxic T=Toxic Xn=Harmful C=Corrosive Xi=Irritant E=Explosive O=Oxidising
F+=Extremely Flammable F=Highly Flammable N=Environmentally Hazardous

SECTION 4. GENERAL FIRST AID MEASURES

- 4.1 **General information:** Immediately remove any clothing soiled by the product.
- 4.2 **After Inhalation:** Of mists or aerosol: Remove to fresh air and contact a doctor.
Of vapours: Remove to fresh air. If symptoms develop, seek medical attention.
- 4.3 **After Skin Contact:** Immediately wash with water and soap, rinse thoroughly. Remove contaminated clothing and shoes. Obtain medical advice. Wash clothing before reuse.
- 4.4 **After Eye Contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- 4.5 **Ingestion:** Seek immediate medical treatment. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

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SECTION 4. FIRE FIGHTING MEASURE

- 5.1 **Flash Point:** 101°C (DIN 51758), 214°F (Pensky Martens Closed Cup)
- 5.2 **Ignition Temperature:** Not available
- 5.3 **Auto Igniting:** Not available
- 5.4 **Lower Explosion Limit:** Not available
- 5.5 **Upper Explosion Limit:** Not available
- 5.6 **Fire Fighting Procedures:** Containers can build up pressure if exposed to heat/fire. Cool with spray. If possible, take container out of the dangerous zone. Shut off sources of ignition. Stay on unwind side.
- 5.7 **Suitable Extinguishing Agents:** Use fire-extinguishing methods suitable to surrounding conditions, including water spray, foam, dry chemical, carbon dioxide.
- 5.8 **Protective Equipment:** Hazardous decomposition of products may occur. Wear self-contained breathing apparatus. Wear a special tightly sealed suit.

SECTION 5. ACCIDENTAL RELEASE MEASURES

- 6.1 **Person-Related Safety Precautions:** Wear protective clothing. Wear suitable gloves and eye/face protective.
- 6.2 **Measures for Environmental Protection:** Inform respective authorities in case of seepage into watercourse or sewage system. Do not allow entering sewers/surface or ground water.
- 6.3 **Measures for Cleaning/Collecting:** Larger quantities: Take up mechanically by pumping. Smaller quantities: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Place material in a chemical waste container. After removal, flush contaminated area with water and collect for disposal. Ensure adequate ventilation.

SECTION 7. HANDLING AND STORAGE

- 7.1 **Information for Safe Handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at workplace. Prevent formation of aerosols.
- 7.2 **Information About Fire and Explosion Protection:** No special measures required.
- 7.3 **Requirements To Be Met by Storerooms and Receptacles:** Keep in original container. Avoid temperatures 30°C (83°F). Avoid exposure to light, loss of dissolved air, loss of inhibitor, and contamination materials.
- 7.4 **Information About Storage in One Common Storage Facility:** Not required.
- 7.5 **Further Information about Storage Conditions:** Keep container tightly sealed. Protect from exposure to light. Avoid loss of dissolved air, loss of inhibitor, and incompatible materials.
- 7.6 **Maximum Storage Temp.:** <30°C (86°F)
- 7.7 **Additional Information About Design of Technical** No further data; see Section 5.

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Facilities:

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Ingredients with Limits Require Monitoring at the Workplace:**
- | | |
|---|-----------------------------|
| 868-77-9 | 2-Hydroxyethyl methacrylate |
| No Occupational Exposure Values Established | |
| 79-41-4 | Methacrylic Acid |
| Denmark | 70mg/m ³ , 20ppm |
| VLE (France) | 70mg/m ³ , 20ppm |
| AGW (Germany) | 18mg/m ³ , 5ppm |
- 8.3 Additional Information:** The lists valid during the making of this MSDS were used as basis.
- 8.4 Engineering Controls:** Use adequate ventilation.
- 8.5 General Protective and Hygienic Measures:** Avoid contact with eyes and skin.
Keep away from foodstuff, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- 8.6 Respiratory Equipment:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure, use self-contained respiratory protective device.
- 8.7 Protective Gloves:** Protective gloves.
The glove material has to be impermeable and resistant to the product/the substance/the preparation.
Selection of the glove material on the consideration of the penetration times, rates of diffusion and the degradation.
- 8.8 Material of Gloves:** Butyl rubber gloves.
Gloves should be replaced regularly, especially after extended contact with the product. The selection of suitable gloves depends on the quality.
As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and should be checked prior to the application.
- 8.9 Penetration Time of Glove Material:** Permeation time >= 8 hours. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- 8.10 Eye Protection:** Safety glasses with side shields. When there is a potential for splash hazard, chemical goggles should be used.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Form:** Fluid
- 9.2 Colour:** Green
- 9.3 Odour:** Ester-like
- 9.4 Melting Point:** <-60°C (-76°F)
- 9.5 Boiling Point:** 250° (482°F at 1,013 hPa)
- 9.6 Flash Point:** 101°C (214°F)
- 9.7 Ignition Temperature:** Not determined
- 9.8 Self-Igniting:** Product is not self-igniting
- 9.9 Danger of Explosion:** Product is not an explosion hazard.

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Simply Xtreme Windscreen Chip Repair



- 9.10 Density: Not determined
- 9.11 Solubility in Water: Miscible at 20°C (68°F)

SECTION 10. ECOLOGICAL INFORMATION

- 10.1 Information on Elimination (Persistence and Degradability): 868-77-9 2-Hydroxyethyl Methacrylate
- 10.2 Biodegradability: OECD 301 D, Closed Bottle, 28 day readily degradable 84%
- 10.3 Ecotoxicological Effect: 868-77-9 2-Hydroxyethyl Methacrylate
- 10.4 Fish: LC50/96h 227mg/l
- 10.5 Daphnia: EC20/48h 380/mg/l
- 10.6 Bacteria: ECO/16h >3,000mg/l
- 10.7 Further Information on Ecology: Do not allow to enter soil, waterways or wastewater. Water hazard class 1 - low hazard to water (German).


SECTION 11. DISPOSAL INFORMATION

- 11.1 Product: Do not put/place into sink or household garbage. Do not allow product to reach sewage system.
- 11.2 Packaging: Disposal must be made according to official regulations. Incineration is the preferred method.

SECTION 12. TRANSPORTATION

- 12.1 Further Regulations: Not subject to transportation regulations.

SECTION 13: REGULATORY INFORMATION

- 13.1 Labelling: This product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.
- 13.2 Code Letter and Hazard Designation of Product:  Xi Irritant
- 13.3 Hazard-Determining Components of Labelling: 2-Hydroxyethyl methacrylate
- 13.4 Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin. R43 - May cause sensitization by skin contact.
- 13.5 Safety Phrases: S2 - Keep out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S26 - After contact with skin was immediately.