



# Lead Pointing Sealant

British Lead

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## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

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<b>Product Name:</b>	Lead Pointing Sealant
<b>Use:</b>	A neutral cure silicone sealant for pointing Lead Sheet into brickwork and masonry.
<b>Supplier:</b>	British Lead Peartree Lane Welwyn Garden City Hertfordshire AL7 3UB Telephone: 01707 324595 Fax: 01707 328941

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Ingredient:</b>	TETRAETHYL SILICATE 1-10%
<b>EINECS:</b>	201-083-8
<b>CAS:</b>	78-10-4 [-] R10; [Xn] R20; [Xi] R36/37
<b>Ingredient:</b>	3-AMINO PROPYL (METHYL) SILSESQUIOXANES, ETHOXY TERMINATED 1-10%
<b>CAS:</b>	128446-60-6 [-] R10; [Xi] R36/38
<b>Ingredient:</b>	MORPHOLINOMETHYLTRIETHOXYSILANE 30-50%
<b>CAS:</b>	21743-27-1 [-] R52/53
<b>Contains:</b>	Mixture of polydimethylsiloxanes, fillers and cross linkers.

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## 3. HAZARDS IDENTIFICATION

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<b>Main Hazards:</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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## 4. FIRST AID MEASURES

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<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest. Get medical attention.
<b>Ingestion:</b>	There may be irritation of the throat. Rinse out mouth with water.
<b>Skin Contact:</b>	There may be mild irritation at the site of contact. Wash immediately with plenty of soap and water.
<b>Eye Contact:</b>	There may be irritation and redness. Bathe the eye with running water for 15 minutes.



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## 5. FIRE-FIGHTING MEASURES

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<b>Extinguishing Media:</b>	Suitable extinguishing media for the surrounding fire should be used.
<b>Exposure Hazards:</b>	In combustion emits toxic fumes.
<b>Protection of Fire-fighters:</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal Protection:</b>	Refer to Section 8 for personal protection details.
<b>Environmental Precaution:</b>	Do not discharge into drains or rivers.
<b>Clean-up Procedures:</b>	Wash the spillage site with large volumes of water.

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## 7. HANDLING AND STORAGE

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<b>Handling Precautions:</b>	Ensure there is sufficient ventilation of the area.
<b>Storage Precautions:</b>	Store in a cool, well ventilated area. Avoid contact with water or humidity. Store in original containers between 5°C and 25°C. Storage outside these parameters will dramatically reduce shelf life.
<b>Suitable Packaging:</b>	Must only be kept in original packaging.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Ventilation Measures:</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory Protection:</b>	Respiratory protection not required.
<b>Hand Protection:</b>	Use protective gloves.
<b>Eye Protection:</b>	Use approved safety goggles.
<b>Skin Protection:</b>	Wear appropriate protective clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Grey paste
<b>Odour:</b>	Barely perceptible odour
<b>Oxidising:</b>	Non-oxidising (by EC criteria)
<b>Solubility in Water:</b>	Insoluble
<b>Also Soluble in:</b>	Most organic solvents
<b>Viscosity:</b>	Highly viscous
<b>Viscosity Value:</b>	>7mm <sup>2</sup> /s
<b>Viscosity Test Method:</b>	Kinematic viscosity in 10-6 m <sup>2</sup> /s at 40°C (ISO3104/3105)
<b>Boiling Point/Range:</b>	200°C
<b>Flash Point:</b>	>100°C
<b>Auto Flammability:</b>	N/D
<b>Relative Density:</b>	1.02
<b>pH:</b>	N/A



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## 10. STABILITY AND REACTIVITY

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<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, moist air, humidity and direct sunlight.
<b>Materials to Avoid:</b>	Strong oxidizing agents, strong acids and water.
<b>Hazardous Decomposition Products:</b>	In combustion emits toxic fumes. In combustion emits toxic fumes of carbon monoxide.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation:</b>	TETRAETHYL SILICATE IPR MUS LDLO 830 mg/kg ORL RAT LD50 6270 mg/kg
<b>Routes of Exposure:</b>	Refer to Section 4 for routes of exposure and corresponding symptoms.

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## 12. ECOLOGICAL INFORMATION

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<b>Mobility:</b>	Non-volatile. Insoluble in water.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Waste from Residues:</b>	Dispose of according to local or national legislation.
<b>NB:</b>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## 14. TRANSPORT INFORMATION:

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Not classified as hazardous for transportation.

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## 15. REGULATORY INFORMATION

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<b>Label for Supply:</b>	Not classified under EC Regulations. No symbol required.
<b>Risk Phrases:</b>	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Safety Phrases:</b>	S29 : Do not empty into drains.
<b>Water Hazard Class:</b>	1
<b>Note:</b>	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.



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## 16. OTHER INFORMATION

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### Risk Phrases Used in Section 2:

R10: Flammable.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R36/38: Irritating to eyes and skin.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 2002, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information. This information is given in good faith, being based on the latest knowledge available to British Lead. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. The company can not accept liability to any customer, their employees or any other person whatsoever for any loss, injury or damage, whether direct or consequential, which may be caused by any error or omission from this sheet, whether such error or omission is negligent or otherwise. If the information provided is insufficient to ensure safety in any particular application, contact British Lead for further advice before the proposed application is undertaken.