



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: Lead Restorer Formula G3
USE: A water based, translucent gel, designed to remove the patina present on old lead leadwork.
SUPPLIER: Premium Roofing Products Ltd.
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 Enfield,
 Middlesex, EN3 7ZW
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2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS PRIOR TO REACTION	EC N°	CAS N°	CONTENTS	SYMBOL LETTERS	R PHRASE N°
Ammonium acetate solution		631-61-8	50-70%	NC	NC
Thickening agent		9004-62-0	<2%	NC	NC

3. HAZARDS IDENTIFICATION

MAIN HAZARDS: None in manufactured state
OTHER HAZARDS: None in manufactured state. However, after application to a lead surface, toxic lead salts will be present in the product. Prolonged exposure to lead salts may affect kidneys, blood, as well as reproductive, digestive and nervous systems. Where exposure to lead compounds is significant, medical examination prior to and after such exposure is a statutory requirement.

4 FIRST AID MEASURES

INHALATION: Move exposed person to fresh air at once. Get medical attention if any discomfort continues.
INGESTION: Do not induce vomiting. If person is conscious, rinse mouth thoroughly and encourage the drinking of large quantity of water. Get medical attention if any discomfort continues.
SKIN CONTACT: Remove all contaminated clothing and footwear immediately, unless it is stuck to the skin. Wash the affected skin immediately with soap and water. Get medical attention if irritation persists.
EYE CONTACT: Make sure that any contact lenses are removed from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: The product is non-flammable.
EXPOSURE HAZARDS: No particular hazard will be present with small quantities of the product, or in a small fire. In a large fire, toxic decomposition products may be formed.
PROTECTION OF FIRE-FIGHTERS: No special protection required for small fires. For large fires, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid eye contact (see Section 8).
ENVIRONMENTAL PRECAUTION: Collect used product and dispose of as special waste.
CLEAN-UP PROCEDURES: Absorb into vermiculite, dry earth or sand and dispose of as special waste. If local regulations permit, dilute well with water and wash away.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Observe normal hygiene precautions when handling product prior to use. After use on leadwork, lead salts will be present in the gel. Precautions in handling and disposal should therefore be based on the toxic nature of these salts (see Section 13).

STORAGE PRECAUTIONS: Store in a cool, dry place. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES:	INGREDIENT	CAS N°	LTEL (8 hrs TWA)	STEL (15 min)
	Ammonium acetate soln.	631-61-8	-	-
	Thickening agent	9004-62-0	-	-

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORY PROTECTION: Unused product not classified. Follow standard hygiene procedures.

HAND PROTECTION: Unused product not classified. Follow standard hygiene procedures.

EYE PROTECTION: Use approved safety goggles or face shield.

SKIN PROTECTION: Unused product not classified. Follow standard hygiene procedures.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Translucent gel	ODOUR:	None
BOILING POINT:	>105°C	FLASH POINT:	N/A
RELATIVE DENSITY:	1.07-1.09 @ 20°C	SOLUBILITY (in water):	Completely miscible in water. Limited solubility in organics.

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. Stable at room temperature.

CONDITIONS TO AVOID: No special measures necessary.

MATERIALS TO AVOID: Will react with some lead compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon can be produced if product is heated or burnt.

11. TOXICOLOGICAL INFORMATION

INHALATION: Unused product not classified under EC regulations.

INGESTION: Unused product not classified under EC regulations

SKIN CONTACT: Unused product not classified under EC regulations

EYE CONTACT: Unused product not classified under EC regulations

No ingredients are listed as being carcinogenic, mutagenic or as having teratogenic effects.

12. ECOLOGICAL INFORMATION

MOBILITY: Readily absorbed into soil. Soluble in water.

PERSISTENCE AND DEGRADABILITY: Biodegradable in unused form.

BIOACCUMULATIVE POTENTIAL: Unlikely to bio-accumulate on the basis of water solubility.

OTHER ADVERSE EFFECTS: Will contain lead salts after use on lead sheet, so should not be allowed to enter the environment in this state.

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES: Dispose of used material as special waste.

CONTAMINATED PACKAGING: Dispose of any packaging contaminated with used material as special waste.

14. TRANSPORT INFORMATION:

Not classified as hazardous to transport.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:	None required.
RISK PHRASES:	None identified for this material in the 'as supplied' state, as unused product not classified.
SAFETY PHRASES:	None identified for this material in the 'as supplied' state, as unused product not classified.
STATUTORY INSTRUMENT:	Chemicals (Hazards Information and Packaging) Regulations 2002; SI 2002/1689. Control of Substances Hazardous to Health 1999; SI 1000/437.
APPROVED CODES OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. The Compilation of Safety Data Sheets (3 rd Edition).
GUIDANCE:	Occupational Exposure Limits EH40. COSHH Essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations; HSG193. CHIP for Everyone HSG108.

16. OTHER INFORMATION

TEXT OF RISK PHRASES USED IN SECTION 2: None listed as unused product not classified under EC regulations.

The contents of this Safety Data Sheet are not warranted to be accurate or complete and the Company can accept no 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.
