



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: Lead Restorer Formula G1
USE: An aqueous solution, designed to remove the patina present on recently installed leadwork.
SUPPLIER: Premium Roofing Products Ltd.
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 Middlesex, EN3 7ZW
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2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	EC N°	CAS N°	CONTENTS	SYMBOL LETTERS	R PHRASE N°
Nitric acid	231-714-2	7697-37-2	2.5-7.5%	C	R34,
Non-hazardous ingredients			92.5-97.5%	NC	NC

3. HAZARDS IDENTIFICATION

MAIN HAZARDS: Nitric acid is corrosive and can cause burns.
OTHER HAZARDS: 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 symptoms persist.
INGESTION: Do not induce vomiting. If person is conscious, rinse mouth thoroughly and encourage the drinking of large quantity of water. Get medical attention.
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 symptoms persist.
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 immediately.

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 skin and eye contact (see Section 8).
ENVIRONMENTAL PRECAUTION: After clean-up, if local regulations permit, wash down affected area with plenty of water.
CLEAN-UP PROCEDURES: Absorb into vermiculite, dry earth or sand and dispose of as special waste. Neutralise with alkaline material, e.g. lime or soda ash.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid skin or eye contact. Avoid breathing vapours. Observe normal hygiene precautions when handling product prior to use. After use on leadwork, lead salts will be present in the applied product. 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)
	Nitric acid.	7697-37-2	2 ppm	4 ppm

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORY PROTECTION: Avoid direct inhalation, otherwise no special measures necessary.

HAND PROTECTION: Wear gloves made of butyl rubber.

EYE PROTECTION: Use approved safety goggles or face shield.

SKIN PROTECTION: Observe good standards of personal hygiene. Wash at the end of each work period and before eating, drinking, using the toilet or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid	ODOUR:	Acidic
RELATIVE DENSITY:	1.06-1.08 @ 20°C	SOLUBILITY (in water):	Completely miscible in water.

10 STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: Avoid contact with alkalis.

MATERIALS TO AVOID: Will react with some lead compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrous oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION: May cause irritation to the respiratory system.

INGESTION: May cause internal burns if taken by mouth.

SKIN CONTACT: May cause burns

EYE CONTACT: May cause burns.

Not 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: Harmful effect due to pH shift. 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. Neutralise with alkaline material, e.g. lime or soda ash, before disposal.

CONTAMINATED PACKAGING: Neutralise with alkaline material, e.g. lime or soda ash, before disposal.

14. TRANSPORT INFORMATION:**REGULATIONS:**

ADR (road): UN N°: 2922 CLASS: 8: Corrosive substances HAZARD ID N°: 80
 LABELLING: 8: Corrosive substances

15. REGULATORY INFORMATION**LABEL FOR SUPPLY:**

C: Corrosive

RISK PHRASES:

R34 Causes burns

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36 Wear suitable protective clothing.
 S45 In case of accident or if you feel unwell, seek medical attention immediately (show the label where possible).

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 (3rd 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:**

R34 Causes burns.

LEGAL DISCLAIMER:

The above information is believed to be correct, but does not purport to be all-inclusive and shall only be a guide. The Company shall not be held liable for any damage resulting from handling or from contact with the above product.