

UNIVERSAL SEALANTS (UK) LIMITED

NUFINS DIVISION

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1. Product Identification

Trade Name: GRAFFITIGARD

Description: Aqueous wax dispersion, sacrificial anti-graffiti coating.

2. Composition / Information on Ingredients

Ingredient	CAS Number	Conc. (w/w)	Classification	R. Phrases
Dimethyl amino ethanol	N/A	3.0%	F,C	10,34,20/21
Aqueous wax dispersion		Not classified as hazardous		

3. Hazard Identification

This product is not classified as hazardous.

4. First Aid Measures

Inhalation: Not applicable.

Skin Contact: Promptly remove contaminated clothing and wash the affected area with plenty of soap and water to ensure all traces of product are removed, then rinse thoroughly. Any contaminated clothing must be thoroughly cleaned before re-using. Seek medical advice if irritation persists.

Eye Contact: Flush with copious amounts of clean water for at least 15 minutes, with the eye lids held open. Seek medical attention.

Ingestion: Wash out mouth with water. Keep patient at rest and obtain medical attention. DO NOT INDUCE VOMITING.

5. Fire Fighting Measures

Suitable Extinguisher Media: The product is not combustible, however if it is involved in a fire, use water spray, foam, dry powder, carbon dioxide or sand.

Unsuitable Extinguishing Media: Water jet.

Exposure Hazards: May give off toxic fumes if heated or involved in a fire.

Special Protective Equipment: Full face, positive pressure, self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Wear protective equipment as specified in Section 8. Do not eat, drink or smoke. Do not walk in any spills - slippery.

Environmental Precautions: Keep people and animals away. Prevent entry into drains, sewers and watercourses. If spillage enters drains leading to sewerage works inform the local water company. If spillage enters rivers or watercourses inform the Environment Agency.

Spillages: Cordon off area. Absorb/contain spillage using inert absorbent granules, sand or earth. Transfer collected material to heavy-duty plastic/steel drums and keep in a well ventilated place for subsequent safe disposal. See Section 13.

7. Handling and Storage

Handling: No special precautions are necessary. When handling unopened containers follow any relevant manual handling guidance. The product is a low viscosity emulsion and may present a splashing hazard during use. Refer to Sections 6 and 8 if exposure to product is possible. Wash thoroughly with soap and water before eating, drinking or smoking, and after work.

Storage: Store in original containers in a well ventilated area away from heat, ignition sources or open flame. Protect from frost and direct sunlight.

8. Exposure Controls / Personal Protection

Occupational Exposure Standards: None known.

Engineering Control Measures: Refer to any applicable COSHH assessments. Engineering controls should be used where practicable in preference to personal protection and may include physical containment and good ventilation.

Respiratory Protection: None necessary under foreseeable conditions of use.

Hand Protection: Wear waterproof gloves where prolonged contact is expected. These must be manufactured to EN374. The material breakthrough time should be stated by the glove manufacturer, and must be observed at all times.

Eye Protection: Splash proof goggles conforming to BS 2092.

Body Protection: Wear suitable impervious overalls.

Foot Protection: Wear chemical resistant safety footwear.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance: Milky yellow/buff liquid **Boiling Point:** 100°C

Odour: Slight - characteristic **Vapour Pressure @ 20°C:** As Water

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pH:	9.5-10.0	Evaporation Rate (Butyl Acetate = 1):	As Water
Flash Point:	N/A	Flammable Limits in Air:	Upper: N/A Lower: N/A
Solubility:	Fully miscible in water	Autoignition Temperature:	N/A
Flammability:	Not Flammable		
Specific Gravity:	1.05		

10. Stability and Reactivity

Stability: Stable under normal conditions (see Section 7).

Materials to Avoid: Acids and metal salts may cause coagulation. If the preparation is diluted, especially with organic material the product may biodegrade, which could give rise to a build up of gases in the containers. Such gasses may have an explosive or harmful hazard associated with pressure build up in sealed vessels.

Hazardous Decomposition Products: Oxides of carbon.

11. Toxicological Information

The product is considered to be of low toxicity.

Note: This preparation contains Dimethyl ethanol which may cause transient clouding of the cornea.

12. Ecological Information

The product is considered to be biodegradable.

13. Disposal Considerations

Minor quantities of dilute preparation may be released to sewers without concern. Major quantities require the material is handled as industrial waste, complying with local, national or EU regulations and in compliance with the Environmental Protection (Duty of Care) Regulations 1991, and be undertaken by an authorised contractor.

14. Transport Information

Not classified as dangerous in the meaning of the transport regulations.

15. Regulatory Information

EU Classification and Labelling Particulars: Not classified as hazardous and therefore does not require labelling.

Designated Name: GRAFFITIGARD

Classification: Not classified as hazardous

Indication(s) of Danger: N/A

Risk and Safety Phrases: None

UK Guidance Publications: EH40; Occupational Exposure Limits, HSE. Revised annually.

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EH26; Occupational Skin Diseases - Health and Safety
Precautions, HSE.

UK Legislation: Health and Safety at Work, etc Act, 1974, and relevant
Statutory Provisions.
Control of Substances Hazardous to Health Regulations, 1999.
The Manual Handling Operations Regulations, 1992.
The Personal Protective Equipment at Work Regulations,
1992.
Chemicals (Hazard Information and Packaging for Supply)
Regulations, 2002 - CHIP 3.

16. Other Information

Full Text of R-Phrases Referred to above:

R10:	Flammable.
R20/21:	Harmful by inhalation and in contact with skin.
R34:	Causes burns.

Training Advice: Do not use unless trained to do so. Refer to the Technical
Data Sheet for the product.

Recommended Uses: For professional use only. This product is designed for use as
a sacrificial anti-graffiti sealer for brick, stone, wood, etc..

Further Information: This Safety Data Sheet was compiled in accordance with EU
Directives 67/548/EEC and 1999/45/EC. Reference was also
made to the above legislation and guidance publications.

MSDS First Issued: 25th July 2000

MSDS Revised: 27th April, 2005

Changes in this Version: Product name change.

Prepared By: F. Stratton

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guidance only and is not intended to be a definitive source of advice, nor does
it constitute a risk assessment, for which the user is responsible. All
information provided in this document is believed to be accurate to the best of
our knowledge. Users of the products referred to should observe the
recommendations, conditions and instructions relating to any relevant product
label, usage information, consent or approval in force at the time. Further and
more specific information may be obtained from the supplier on request.