

TECHNICAL DATA SHEET.

1. IDENTIFICATION OF PRODUCT AND COMPANY

- 1.1 Product name : **ENVIROGUARD**
Water based sacrificial building protection coating
- 1.2 Company : **D. Adam & Associates / ACTEL Coatings**
Clarendon, 17 High Cross Avenue, Melrose TD6 9SQ Scotland, U.K.
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TECHNICAL DATA

- 2.1 STORAGE: Protect from freezing.
- 2.2 APPLICATION: For light to moderate protection, apply **a minimum of three coats** by low pressure back pack sprayer or airless spray.
- 2.3 OVERCOATING: **Enviroguard** can be applied in mist coats, wet on wet. Otherwise, recoat when touch dry.
- 2.4 DRYING TIME: 2 to 8 hours, **very dependent on the drying conditions.**
- 2.5 COVERAGE: Theoretical - to 12 sq. Metres per litre.
Practical 8 - 12 sq. Metres per litre.
- 2.6 PACK SIZE: 5, 25 litre drums.
- 2.7 FLASH POINT: None.
- 2.8 APPEARANCE: When properly applied, **Enviroguard** is invisible on stone, brick and other building materials.
- 2.9 REMOVAL: **Enviroguard** can be removed by low pressure washing using water at **85°C** or by using **Cleanaway GTi** followed by cold water. On brick or concrete surfaces, cold pressure washing at 2,000 to 2,500 psi should be enough to remove graffiti tags.
- 2.10 THINNERS: n/a

3. PREPARATION

- 3.1 Surfaces should be clean and free from surface dirt, dust and grease.
- 3.2 All loose friable material should be removed and damaged areas made good.
- 3.3 Efflorescence should be treated as appropriate.
- 3.4 Existing mould growth should be treated and removed.
- 3.5 Where graffiti removal has been carried out prior to application of Enviroguard, ensure that the area is well rinsed with water to remove all traces of oil or solvent.

4. **APPLICATION**

- 4.1 **Enviroguard** as supplied is ready to use.
- 4.2 Apply **Enviroguard** when the air and surface temperature is between 5°C and 25°C and the relative humidity below 90%.
- 4.3 For brush applications, it is important to achieve a smooth, even coating. Only use brushes on smooth surfaces.
- 4.4 After applying by roller, lay off by brush for an even finish. Brushing should not be so vigorous as to cause excessive foaming.
- 4.5 For spray work, apply by airless or air assisted sprayers in evenly applied fine mist coats using a maximum tip size of 0.015mm. minimum 0.011mm. For back-pack pump sprayers use Pegler and Hardi tip sizes 4110-10 and -12 or equivalent from other suppliers.
- 4.6 Apply at the recommended coverage rates.
- 4.7 On poured concrete or textured surfaces, take care to cover all of the surface irregularities and indents. Subsequent removal of graffiti from poorly coated areas may prove difficult.
- 4.8 After use, all equipment should be cleaned by washing with warm soapy water. Dried product can be removed using hot water with a trace of household ammonia added.

5. **GRAFFITI REMOVAL**

- 5.1 Graffiti damage can easily be removed from treated surfaces without chemicals by using a hot water pressure washer at 1000-1500 psi maximum, and 85°C temperature. Clean larger areas from bottom up.
- 5.2 On heavily contaminated surfaces where tags can prevent hot water making contact with the Enviroguard protected surface, the pressure washer lance should be held at an angle of 45° to the edge of the tag and worked slowly towards the centre.
- 5.3 Alternatively, apply **Cleanaway GTi** by brush and leave in contact for 30- 60 minutes to soften the graffiti. Agitate the treated area using a bronze wire brush to help break up the graffiti and then wash the surface clean with water.
- 5.4 Repeat the process as necessary.
- 5.5 In both instances, the protective coating is removed along with the graffiti. One or two coats of **Enviroguard** should be reapplied to cleaned areas when they have dried.

6. **HEALTH AND SAFETY**

These products are considered to be non hazardous. However, please ensure that operators read and understand the health and safety data sheet before using these materials.

Revised Oct 2007