



## TECHNICAL DATA SHEET.

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

- 1.1 Product name : ENVIROGUARD PCHD  
Water based invisible permanent sealer to protect paved areas, stone setts, etc  
Treatment of surfaces makes oil and food and drink stains clean up quickly and easily without loss of stabilising sand jointing. 5 year service life, 10 years for HD formula.
- 1.2 Company: D. Adam & Associates / ACTEL Coatings  
Clarendon, 17 High Cross Avenue,  
Melrose TD6 9SQ Scotland, U.K.  
Tel: +44 (0) 189682697 Mob 07880 805478  
E: [dougadam@globalnet.co.uk](mailto:dougadam@globalnet.co.uk)  
[www.enviroguard-anti-graffiti.co.uk](http://www.enviroguard-anti-graffiti.co.uk)

### 2. TECHNICAL DATA

- 2.1 STORAGE: Store securely in original sealed containers. Protect from freezing.
- 2.2 APPLICATION: Apply one flood coat by low pressure spray. Brush out ponding. For more porous surfaces, a second application may be needed and it should be applied before the first coat has dried. Test surfaces first in order to establish the correct material requirement.
- 2.3 COVERAGE: Theoretical - 200 gms per sq metre  
Practical - 100 to 400 gms per sq metre  
Max. Penetration - 1.00 to 1.50 cms (0.4-0.5 inches)
- 2.4 PACK SIZE: 5, 25 or 200 litre drums.
- 2.5 FLASH POINT: None.
- 2.6 FIRE RESISTANCE: Not tested. Not flammable under any conditions.
- 2.7 TOXICITY: Non toxic.

### 3. PREPARATION

- 3.1 Stir well before use.
- 3.2 Concrete or stone should be clean and free from surface dirt, mould and grease. Enviroguard PCHD should not be applied over existing coatings. It is intended for absorption into cracks, pores and air holes in concrete where it acts as a long life sealer. Surfaces need not be totally dry before application.

3.3 Temperatures should be above 42°F and below 125°F and application should not be attempted if lower temperatures are forecast during the application period.

#### 4.0 APPLICATION

4.1 Enviroguard PCHD should be stored at room temperature (20°C/68°F) before use.

4.2 Apply to clean concrete or block paved areas in one full application at a rate of 200 gms per sq metre.

4.3 Stir before applying by brush or low pressure spray to saturate concrete, brick or stone surfaces. Enviroguard PCHD should be applied undiluted in a single application to flood the area to be treated. For sound concrete, that is at a rate of 1 litre of Enviroguard PCHD per 5 sq metres. The product should penetrate surfaces immediately. Do not allow excessively applied product to run off into drains.

4.4 Use a brush or squeegee to prevent Enviroguard PCHD ponding on horizontal surfaces.

#### 5. LIMITATIONS

5.1 Some bricks have a composition which can cause the leaching of excessive alkali and efflorescence after treatment with Enviroguard PCHD. If this occurs, hose down periodically to dissolve these soluble salts or leave them to weather away..

5.2 Enviroguard PCHD should not be applied at an air temperature of less than 42°F.

5.3 Any product getting onto glass or aluminium should be washed off immediately.

5.4 Protect vegetation in the work area from over spray

#### 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. For spray application, suitable filter masks should be used to protect the nose and mouth against ingesting spray particles

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