

TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND MANUFACTURER

1.1 Preparation Name	Tradebond D138
1.2 Company Identification	Trade Grade Products Ltd Unit 2 Thorne Way Woolsbridge Industrial Park, Three Legged Cross Wimborne, Dorset BH21 6FB
1.3 Emergency Telephone Number	01202 820177

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Description Water borne adhesive based on synthetic polymers.

2.1 Substances with Health Hazard / Limit Value

Ingredient Name	CAS No.	Content
Vinyl Acetate	108-05-4	<0.5 %

3. HAZARDS IDENTIFICATION

3.1 May cause soreness if product enters eyes.

3.2 Repeated or prolonged skin contact may cause defatting and lead to irritation. Ingress to waterways may cause persistent milky discoloration. BOD may be harmful to aquatic organisms.

4. FIRST AID MEASURES

4.1 Eye Contact (Smarting)		Wash out with plenty of water. Consult doctor if discomfort persists.
4.2 Skin	(No acute symptoms)	Wash off with soap and water before product dries. Remove soiled clothing; launder before re-use.
4.3 Inhalation (of VOCs)	(Choking Coughing dizziness)	N/A
4.4 Ingestion	(Nausea)	Not classified as toxic when handled according to good standards of industrial hygiene and safety.

5. FIRE FIGHTING MEASURES

5.1 Low fire hazard. No restrictions on fire-fighting media

6. ACCIDENTAL RELEASE MEASURES

6.1 Small amounts wash away with water. Large amounts absorb with sand or sawdust and dispose of according to local environmental regulations.

7. HANDLING AND STORAGE

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| 7.1 Precautions during Handling | Tradebond D138 contains small amounts of volatile organic compounds (see 2.), which may accumulate in unvented headspace of drums or vessels. Open drums in a ventilated area. Avoid breathing the vapours. Efficient ventilation should ensure control within legal exposure limits (see 2. and 8.1) |
| 7.2 Precautions during Storage | Vent bulk containers to outside of building to disperse volatile residues. Avoid freezing temperatures during storage. Store between 5°C and 25°C. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| 8.1 Exposure controls | Efficient ventilation is normally adequate. For large amounts - especially if sprayed or heated - local extraction may be necessary. |
| 8.2 Personal Protective Equipment | |
| Respiratory | Dust masks only if spray is generated. |
| Hand | Gloves (eg. PVC) if splashing occurs |
| Eye | Goggles (BS2902) if splashing occurs. |
| Skin | Apron (eg. PVC) if severe splashing occurs. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| 9.1 Appearance | White Liquid |
| 9.2 Odour | Mild |
| 9.3 pH | 6 - 7.5 |
| 9.4 BDS | 40 ± 1% |
| 9.5 Flammability & auto ignition | N/A |
| 9.6 Vapour pressure | As water |
| 9.7 Water solubility | Liquid adhesive is dispersible. |
| 9.8 Fat/oil solubility | N/A |
| 9.9 Flash point | N/A |
| 9.10 Viscosity at 25°C Spindle 6 at 20 rpm | 65 - 70 poise |

10. STABILITY AND REACTIVITY

10.1 Tradebond D138 is not unstable and has no hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1 From long-term experience of this product type, no serious acute or chronic effects result from handling Tradebond D138 under industrial conditions. For general risks, see section 3.

12. ECOLOGICAL INFORMATION

12.1 Tradebond D138 is miscible in water, and is thus likely to be transported considerable distances if allowed ingress to water.

12.2 The polymer is poorly biodegradable, but is not susceptible to bio-accumulation. The biological oxygen of other components may be harmful to aquatic organisms.

12.3 Low concentrations of Tradebond D138 in water for sewage treatment are unlikely to reduce sludge activity; the polymer is largely absorbed on the sludge, and thus eliminated from the waste stream.

13. DISPOSAL INFORMATION

13.1 Dispose of in accordance with local and national regulations. For example, in the UK regulations made under the Control of Pollution Act 1974. Wear protective clothing during disposal operations. If disposal is by a waste contractor, make sure that he has sufficient information and that the waste containers are properly labelled.

14. TRANSPORT INFORMATION

14.1 Product is not classified as hazardous for transport.

15. REGULATORY INFORMATION

15.1 EEC Classification: None

16. OTHER INFORMATION.

16.1 This material data sheet follows the requirements of directive 91/155/EEC

Revision 1.0