

# TRADE GRADE PRODUCTS LTD

## MATERIAL SAFETY DATA SHEET

### **1. Identification of the substance / preparation and company.**

Product name	Tradebond D144
Supplier	Trade Grade Products Limited
Address	2 Thorne Way Woolsbridge Industrial Park Three Legged Cross Wimborne Dorset BH21 6FB
Emergency telephone number	01202 820177

### **2. Composition / Information on Ingredients.**

Preparation description                      Water based polymer emulsion.

Dangerous components / constituents

<u>CAS / Registry no.</u>	<u>Material description</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
108-05-4	Vinyl acetate	< 0.5	F	R11

### **3. Hazards Identification.**

Low hazard expected under normal conditions of use.

### **4. First Aid Measures.**

Inhalation	<ul style="list-style-type: none"> <li>• If inhalation causes adverse effects, remove to fresh air.</li> <li>• If problem persists seek medical advice.</li> </ul>
Skin	<ul style="list-style-type: none"> <li>• In case of contact with skin, immediately flush with plenty of water.</li> <li>• Do not use solvents to clean skin.</li> <li>• Seek medical attention if irritation persists.</li> </ul>
Eye	<ul style="list-style-type: none"> <li>• Immediately flush eyes with plenty of water.</li> <li>• Seek medical attention if irritation persists.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li>• If accidentally swallowed, give large quantities of water or milk to dilute the effects on the stomach.</li> <li>• Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected seek medical advice immediately.</li> </ul>

### **5. Fire-fighting Measures.**

Extinguishing media	In case of fire use water fog, foam or carbon dioxide.
Explosion hazard	This is a water based adhesive and presents no particular fire or explosion hazard.
Hazardous combustion products	Carbon monoxide and carbon dioxide.

**6. Accidental Release Measures.**

Personal protection	Always wear appropriate protective clothing (refer to section 8).
Environmental precautions	Prevent from entering drains or watercourses, should this occur; notify the relevant local authority.
Clean up method	Absorb spillage in sand or earth, flush spillage area with copious amounts of water.

**7. Handling and Storage.**

Handling	<p>Handle in accordance with good industrial hygiene and safety practices. Refer to section 8 for appropriate personal protective equipment. Wash thoroughly after use.</p> <p>Avoid prolonged or repeated breathing of dust or vapour.</p> <p>Avoid prolonged or repeated contact with skin or clothing.</p> <p>Avoid contact with eyes.</p>
Storage	<p>Keep in tightly sealed containers and store in a cool, dry place; avoiding exposure to heat, light, moisture and air. Avoid temperatures below 5°C and above 30°C.</p> <p><b>Protect from frost.</b></p>

**8. Exposure Controls / Personal Protection.**

Vinyl acetate	<p>10 ppm (ACGIH-TWA)</p> <p>15 ppm (ACGIH-STEL)</p> <p>10 ppm (MAK)</p>
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Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber gloves are recommended).

**9. Physical and Chemical Properties.**

Physical state	Liquid.
Colour	White.
Odour	Slight.
Flammability	Non flammable.
pH (as is)	4.5 – 5.5
Boiling point	100°C.
Freezing point	0°C.
Solubility in water	Miscible.
Relative density	1.000
Evaporation rate	1 (as water)
Vapour pressure (mmHg)	18 (25°C)
Vapour density (air=1)	0.6
Volatiles	41% water

**10. Stability and Reactivity.**

Stability	Sensitive to frost.
Reactivity	Decomposition products may include carbon oxides.

**11. Toxicological Information.**

Eyes	May cause irritation on contact.
Skin	May cause irritation on prolonged or repeated contact.
Ingestion	May be harmful if accidentally swallowed.
Inhalation	May be harmful if inhaled. May cause irritation of nose, throat and lungs.

**12. Ecological Information.**

Effects on environment	Contributes to effluent BOD.
Mobility	Miscible in water and likely to be transported considerable distances if allowed ingress to water.
Ecotoxicity	Low, but has a BOD contribution.

**13. Disposal Consideration.**

Product disposal	Waste water containing emulsions must be pre-treated before discharge to sewer or open water. Ultra-filtration, coagulation/settling or floatation processes are suitable; further details can be provided upon request.
Container disposal	Do not re-use containers containing residual product without commercial cleaning.

**14. Transport Information.**

Not classified as dangerous for all means of transport

**15. Regulatory Information.**

UK Supply classification	Not classified according to current CHIP Regulations.
UN Number	None.
Risk phrases	None required.
Safety phrases	S24/25          Avoid contact with skin and eyes.

**16. Other Information.**

Date issued	02/01/2003
Other information	The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. This safety datasheet does not constitute a workplace risk assessment.