

TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

Product name	TradePUR D112 VFS
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 Description

Dangerous components / constituents

<u>CAS / EC Registry no.</u>	<u>Material description</u>	<u>% Weight</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
101-68-8 / 202-966-0	Diphenylmethane 4,4-di-isocyanate (MDI) monomer	1 - 5	Xn	R20 R36/37/38 R42/43
	Polyurethane polymer and other additives. Non-hazardous.	To 100	---	---

3. Hazards Identification.

- HARMFUL.
- May cause sensitisation by inhalation and skin contact (R42/43).
- Contains isocyanates.

4. First Aid Measures.

Inhalation	Remove the victim in to fresh air. Keep warm and at rest. Persons who have inhaled substance may not exhibit symptoms immediately. Seek medical attention if ill effects occur.
Skin	Wash immediately with plenty of soap and water (S28) Do not use solvents to clean skin. If irritation persists; seek medical advice.
Eye	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
Ingestion	Seek immediate medical attention. Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention.

5. Fire-fighting Measures.

Special exposure hazards	Substance evolves toxic fumes, wear self contained breathing apparatus.
Extinguishing media	Use foam, carbon dioxide or dry agent.

6. Accidental Release Measures.

Environmental precautions	Use appropriate containment to avoid environmental contamination.
Clean up method	Ventilate area. Absorb spillage in inert material. Sweep up / Shovel spillage and remove to a safe place. Neutralise with water.

7. Handling and Storage.

Handling	Do not breathe vapour (S23) Use only in well ventilated areas (S51). When spraying this product, the provision of a spray booth or similar enclosure is essential, otherwise exposure limits are quickly exceeded. Avoid contact with skin and eyes.
Storage	Keep away from food, drink and animal feeding stuffs (S13). Keep container tightly closed and dry (S7/8). Store above 5°C and below 30°C.

8. Exposure Controls / Personal Protection.

Recommended engineering controls	Wear suitable protective clothing, including eye / face protection and gloves (plastic or rubber are recommended) In case of insufficient ventilation, wear suitable respiratory equipment (S38).
Exposure limits	MEL / LTEL : ppm 0.02 mg/m ³ MEL / STEL : ppm 0.07 mg/m ³
Constituent exposure limit	Diphenylmethane 4,4-di-isocyanate (MDI) monomer MEL / LTEL : ppm 0.02 mg/m ³ MEL / STEL : ppm 0.07 mg/m ³ Polyurethane polymer, and other additives. Non hazardous. No exposure limits have been set for this substance.

9. Physical and Chemical Properties.

- Liquid, white paste, miscible with most organic solvents
- Perceptible odour
- Boiling point > 200°C
- Flash point > 100°C
- pH not applicable
- Specific gravity 1.49 g/cm³
- Vapour pressure N.D.
- Insoluble in water
- Viscosity 140,000 mPa.s

10. Stability and Reactivity.

Stability	Stable under normal conditions.
Reactivity	Reacts with moist air or water.
Materials to avoid	None.
Hazardous decomposition products	Reaction products may include carbon oxides.

11. Toxicological Information.

May cause sensitisation by inhalation and skin contact (R42/43).

In case of repeat exposures, regular medical examination is advised.

12. Ecological information.

Not readily biodegradable.

13. Disposal Consideration.

- This product and its container must be disposed of as hazardous waste.
- Disposal should be in accordance with local, state or national legislation.
- Wastes should not be confined.

14. Transport Information.

Not restricted for any mode of international transport.

15. Regulatory Information.

Labelling:		HARMFUL
Risk phrases:	R42 / 43	May cause sensitisation by inhalation and skin contact.
Safety phrases:	S02	Keep out of reach of children.
	S23	Do not breathe vapour.
	S36 / 37	Wear suitable protective clothing and gloves.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible).

16. Other Information.

Date issued 27 / 04 / 2000

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.