

TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

Product name	COV RES Part B
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
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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	35	Xn	R20 R36/37/38 R42/43

3. Hazards Identification.

- Harmful by inhalation.
- May cause sensitisation by inhalation and skin contact (R42/43).
- Irritating to skin and mucous membrane.
- 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. 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.
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 carbon dioxide, dry chemical powder or sand. DO NOT use water extinguisher.

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. Use only in well ventilated areas. 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. Keep container tightly closed and dry. 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.

Physical state	Brown liquid.
Odour	Earthy / Musty
Specific gravity	1.23 @ 20°C
Flashpoint	Above 200°C
Solubility	Immiscible with water.
Viscosity	400 cps @ 20°C
Percentage Non-volatiles	Above 99%

10. Stability and Reactivity.

Stability	Stable under normal conditions.
Reactivity	Reacts with water forming CO ² .
Materials to avoid	Exothermic reaction with amines, alcohols, acids and alkalis.
Hazardous decomposition products	Polymerises at about 260°C with evolution of CO ² .

