

Product: **PU18**

Code: BDPU18

Date of Issue: August 2003

Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: BOND IT POLYURETHANE SEALANT & ADHESIVE

Supplier: Bond It

Address: Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN. ENGLAND

Telephone: (+44) 01422 315300

Emergency: As Above

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Composition: Preparation based on polymeric ethyl carbanate urethane entirely cross-linked.

Component which contribute at hazards:

white spirit: less than 5 % aromatic in the white spirit

Concentration or range concentration < 5 %

Hazards classification none

3. HAZARD IDENTIFICATION:

Principal hazards: Contains slight quantities of isocyanate (< 0,25%).

Critical hazards for health: Used under normal conditions, presents no serious danger to health.

Effects on the environment: Presents no serious risks for the environment

Physical and chemical risks: None

Specific risks: None

4. FIRST AID MEASURES:

Inhalation: Provide fresh air.

Contact with skin: Remove the product and rinse well with water.

Contact with eyes: Remove the product rinse abundantly with water and seek medical advice.

Ingestion: Induce vomiting. Seek medical advice.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Dry powder. Polar solvent foam. Carbon dioxide anhydride.

Unsuitable Extinguishing Media: Pressurized-water fire extinguisher.

Specific dangers: None.

Special protective equipment: Special autonomous breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal Protection: Personal precautions Gloves should be worn.

Environment Precautions: Presents no danger for the environment once polymerised

Methods for cleaning up: Scrape off mastic after polymerisation.

Product recovery: Polymerised mastic can be scrapped off after polymerisation.

Product neutralising and elimination Incinerate waste product.

7. HANDLING AND STORAGE:

Handling Requirements: Ensure adequate ventilation. Avoid smoking and drinking when handling. Take precautions against fire and explosion. Use in a ventilated place.

Storage: Store away from any source of heat (< 30°C). Avoid high temperatures.

Incompatible materials: None to our knowledge.

Recommended container: Keep the product in its original container.

Unrecommended container: Material permeable to steam.

8. Exposure Controls:

Specific control parameters:

Limit values VLE=0,77 mg/m³ VME=0,40 mg/m³

Respiratory protection: Masks if the room is inadequately ventilated.

Hand protection: Gloves should be worn.

Eye protection: Goggles
Skin protection: No specific protection.
Hygiene measures: Avoid smoking, eating and drinking when handling.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Thixotropic paste	Odour:	Hydrocarbon
pH Value:	Omitted	Flashpoint:	Not applicable
Ignition temperature:	Not applicable	Explosive Properties:	Not applicable
Vapour density:	Not applicable	Vapour pressure:	Approx 10 mbars at 20°C
Density:	1,35 kg/dm ³	Solubility:	Insoluble in water
Other information:	Vapour density/air : 2	Colours:	Black, grey and white

10. STABILITY AND REACTIVITY:

Stability: Stable product if used and stored at indicated temperatures.
Hazardous reaction: Conditions to avoid: Heat.
Material to avoid: Strong oxidatives.
Hazardous decomposition products: CO, CO₂, isocyanate traces.

11. TOXICOLOGICAL INFORMATION:

Acute toxicity:
To our knowledge no serious effect to respiratory system, skin or eyes.
Local reaction:
To our knowledge no serious effect to respiratory system or skin.
Contact with eyes Conjunctivitis
Long term and acute toxicity: No long term effects if security measures are respected.
Specific effects: No carcinogenous to our knowledge

12. ECOLOGICAL INFORMATION:

Persistence in soil: None **Persistence in water:** Insoluble
Bioaccumulation: None
Ecotoxicological effects: No toxicity for the environment.

13. DISPOSAL CONSIDERATIONS:

Elimination method: Incineration
Contaminated packaging: Aluminium packaging may be recycled. **Elimination method:** Incineration

14. TRANSPORT INFORMATION:

Transport by road: Non hazardous material
Transport by sea: Non hazardous material
Transport by air: Non hazardous material
UNO Nr: Non hazardous material

15. REGULATORY INFORMATION:

EC labels: None
Symbol: None
ECC/R: Contains isocyanates
ECC/S: None EEC directives

16. OTHER INFORMATION:

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.
This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.