

Product: **AEROSOL SPRAY ADHESIVE**

Code: BDA007

Date of Issue: January 2003

Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **BOND IT AEROSOL SPRAY ADHESIVE**

Supplier: **Bond It**

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

Telephone: (+44) 01422 315300

Emergency: As Above

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

| <u>CAS Number</u> | <u>Chemical Name</u> | <u>%</u> | <u>Classification</u> |
|-------------------|----------------------|----------|----------------------------------|
| 78-93-3 | Butanone | 10-30 | Xi, F, R11, 36, 66, 67 |
| 67-64-1 | Acetone | 10-30 | Xi, F, R11, 36, 66, 67 |
| 75-28-5 | Isobutane | 1-5 | Fx, R12 |
| 106-97-8 | Butane | 5-10 | Fx, R12 |
| 74-98-6 | Propane | 10-30 | Fx, R12 |
| 142-82-5 | n-Heptane | 10-30 | Xn, F, N, R11, 38, 50/53, 65, 67 |
| 115-10-6 | Dimethyl Ether | 10-30 | Fx, R12 |

3. HAZARD IDENTIFICATION:

Extremely flammable. Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53). Repeated exposure may cause skin dryness or cracking (R66). Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES:

Inhalation: Remove person to fresh air. If discomfort persists seek medical advice.
Skin Contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.
Eye Contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.
Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting. If possible show product information or label to medical advisor.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Dry Powder, Dry chemicals, Sand, Earth, Water spray, fog or mist.
Special Exposure Hazards in Fires: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
Unusual Fire & Explosion Hazards: Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES:

Precautions: Wear necessary use protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate well. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

7. HANDLING AND STORAGE:

Handling: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
Storage: Aerosol cans must not be exposed to direct sunlight or temperatures above 50°C.

8. Exposure Controls:

UK Occupational exposure standards - EH40

LT EXP 8 hrs

ST EXP 15 mins

| | | |
|-----------|--------------|--------------|
| n-Heptane | 500ppm | |
| Butanone | 200ppm (Sk) | 300ppm (Sk) |
| Acetone | 500ppm | 1500ppm |
| Butane | 600ppm | 750ppm |
| Propane | Asphyxiating | Asphyxiating |

Respiratory Protection: Should not be necessary with adequate ventilation. In poorly ventilated areas a suitable cartridge mask is recommended.

Hand Protection: Wear suitable impervious gloves.

Skin Protection: Wear appropriate protective clothing.

Eye Protection: Wear chemical resistant goggles if there is risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

| | | | |
|--------------------------------------|-----------------------|----------------------------|------------------|
| Appearance: | Light or pale aerosol | Flammability Limit: | Lower (%) - 0.8 |
| Odour: | Characteristic | Flammability Limit: | Upper (%) - 18.6 |
| Solubility (water & fat): | Insoluble in water | | |

10. STABILITY AND REACTIVITY: Stable under normal conditions. Avoid excessive heat, flames and other sources of ignition. Avoid contact with strong oxidising agents, strong alkalis and strong mineral acids.

Hazardous decomposition products: Fire creates: vapours/gases/fumes of: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION: May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, etc. May cause discomfort if swallowed, causing stomach pain or vomiting. Irritating to skin. Acts as a defatting agent on skin and can cause cracking and eczema. Irritating to eyes; may cause chemical eye burns.

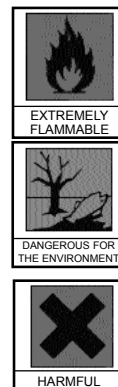
12. ECOLOGICAL INFORMATION: Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS: Empty containers must not be burned because of explosion hazard. Disposal of material should be in accordance with local regulations. Packaging should be similarly disposed of.

14. TRANSPORT INFORMATION: U.N. No 1950 Flammable gases

15. REGULATORY INFORMATION:

| | |
|------------|---|
| R12 | Extremely Flammable. |
| R36 | Irritating to eyes. |
| R51/53 | Toxic to aquatic organisms, may cause long term effects in the aquatic environment. |
| R38/ R66 | Irritating to skin./ Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |
| S16 | Keep away from sources of ignition - NO SMOKING. |
| S2 | Keep out of reach of children. |
| S23C | Do not breathe vapours or spray. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S51 | Use only in well ventilated areas. |
| S60/61 | Do not empty into drains, dispose of material and container to hazardous or special waste collection point. Avoid release to the environment. |
| S46 | If swallowed seek medical advice immediately and show this container label. |
| EEC Symbol | Xn: Harmful |
| | N: Dangerous to the environment |



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.

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Date: January 2003

Supersedes Issue Dated: 1988

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