

MATERIAL SAFETY DATA SHEET



Product: CONTACT ADHESIVE

Code: BDCCA

Date of Issue: March 2006

Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **BOND IT INSTANT BOND CONTACT ADHESIVE 30ml**

Supplier: Bond It

Address: Un 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:

PRODUCT TYPE: *Petroleum Distillates and M.E.K*

Chemical Composition		%	Symbol; Risk Phrase
108-88-3	Toluene C6H5CH3	4.5	Xi; Irritant
78-93-3	MEK CH3COCH2CH3	11.3	

3. HAZARD IDENTIFICATION:

Toxicity: Narcotic at high vapor concentrations . Imitating to eyes and respiratory system .

Safety hazards: Highly flammable. In use may form flammable/explosive vapor-air mixture .

Environmental hazards: May contaminate environment.

4. FIRST AID MEASURES:

Inhalation: Remove to fresh air . if rapid recovery does not occur, obtain medical attention.

Skin Contact: Remove contaminated clothing immediately. Flush the contaminated skin with soap and water. Get medical attention.

Eye Contact : Flush eye with water immediately. Obtain medical attention.

Ingestion: Do not induce vomiting. Seek urgent medical advice.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Carbon dioxide, foam, dry chemical, foam

Unsuitable Extinguishing Media: N/A

Extraordinary Hazards: Formation of carbon monoxide.

Special Protective Equipment Required: Breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal Protection: Plastic or rubber gloves. Vapour mask. Ensure good ventilation.

Environmental Protection: Keep away from sources of ignition.Ensure product does not enter drains. Keep product wet with excess water.

Methods of Disposal: Absorb the spilt liquid with tissue paper or sand, or collect it back for reuse. Prevent entry into the sewage system , risk of blockage due to polymer deposits.

7. HANDLING AND STORAGE:

Handling: Do not allow to touch skin. Ensure good ventilation avoid breathing vapour.

Storage: Keep in dry, well ventilated area and away from sources of ignition.

8. Exposure Controls:

Engineering control measure: Use local exhaust ventilation.

Respiratory protection: Where local exhaust ventilation is not practicable, wear full face - piece respirator with Organic vapor cartridge NPF 20.

Hand protection: Neoprene or nitrile rubber gloves.

Eye protection: Goggles.

Skin protection: Standard issue work clothes. Safety shoes or boots - chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear liquid
Boiling Point: 231°F
Vapor pressure (HG @ 68°F): 22mm
Vapor Density: Approximately 3.2
Solubility in Water: 250kg/m³
Auto- ignition temperature: 515°F
Explosion limit-upper: 11.5%(v/v)

Odour: Sharp, irritation.
Freezing Point: -139°F
Specific Gravity: 0.87
pH: N/A
Melting Point: 88°F
Flash point: -4°F (Abel)
Explosion limit-lower: 1.8%(v/v)

Other physical and chemical properties:

Molecular weight = 92.15
Initial boiling point: 79°F
Vapor pressure: 9.5kPa@20°F
Dynamic viscosity: 0.42mPa@20°F
Surface tension: 0.024 N/m²@20°F
Relative evaporation rate (ASTM D3539,NbuAc=1): 3.7

Evaporation rate = 1.9 (If butyl Acetate = 1.0)
Final boiling point: 80.5°F
Density: 805kg/m³ @20°F
Vapor density(air=1)2.4 @20°F
Conductivity: 2Ps/m*107@20°F

Other properties: Molecular Weight 72.11

10. STABILITY AND REACTIVITY: **Stability:** Stable under normal use.

Hazardous polymerization: Will not occur

Conditions to avoid: Heat. Flame and sparks.

Hazardous Decomposition Products (non-thermal): When ignited produce toxic vapor and gas.

11. TOXICOLOGICAL INFORMATION:

Effects Of Inhalation: May irritation to respiratory tract .Exposure to high concentrations may result in cough. Prolonged or repeated inhalation may cause allergy.
Ingestion: May cause irritation , weak and headache. Dizziness.
Skin: May irritate skin.
Eye Contact: May irritate eyes.
Long Term Effects: Nervous breakdown.

12. ECOLOGICAL INFORMATION

Possibility of Environmental Impact/Move: Hazardous to water. Harmful to aquatic animals and organisms. Must not enter watercourses, drains or ground.

13. DISPOSAL CONSIDERATIONS: Appropriate Methods Of Disposal: Disposal of material should be in accordance with local regulations. Packaging should be similarly disposed of.

14. TRANSPORT INFORMATION: CPL: N/A IMO: N/A UN Number: 1133

Special Transport Instructions: Keep away from foodstuffs, acids and alkalis.

15. REGULATORY INFORMATION:

Label: **Contains: Petroleum Distillates & M.E.K.**

R?? Harmful by inhalation - do not breathe fumes.
R?? Irritating to eyes and respiratory system.
R?? Use only in well ventilated areas.
R?? Highly flammable. Keep away from sources of ignition - NO SMOKING.
R?? Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S2 Keep out of reach of children.
R?? If swallowed, do not induce vomiting - obtain medical advice immediately and show this label.

EEC Symbol

Xi: Irritant; F: Highly Flammable; Fishes & Trees
Tactile Label

16. OTHER INFORMATION:

Safety data sheet available for professional user on request.

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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Supersedes Issue Dated: -
