

ORIGINATED : 25/05/1995

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name : Bond Breaker
Product Code : BB 100
Use/Description of Product : Solvent for removal of adhesives and Silicone.
Company Name : Rotec Industries
 17 Craig Ddu Estate
 Amlwch
 Anglesey
 Gwynedd
 LL68 9EH
Telephone : 01948 780111
Email : healthandsafety@rotecindustries.com
Emergency Telephone No : 01948 780111 / 07768 271691

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
XYLENE AROMATIC HYDROCARBON	215-535-7	1330-20-7	60 - 80	R,(Xn) (Xi)	10,20/21,38

3. HAZARD IDENTIFICATION

Main Hazards : Extremely flammable, harmful by inhalation and in contact with skin.
Other Hazards : In use, may form flammable, explosive vapour-air mixture

4. FIRST AID MEASURES (SYMPTOMS) part 1

Skin Contact : There may be irritation and redness at the site of contact.
Eye Contact : There may be irritation and/or redness. Corneal burns may Occur.
Ingestion : nausea and stomach pain may occur. There may be vomiting
 There may be loss of consciousness. Convulsions may occur
Inhalation : Exposure may cause coughing or wheezing. There may be Congestion of the lungs, causing severe shortness of breath.
 There may be loss of consciousness. Convulsions may Occur.

4. FIRST AID MEASURES (ACTIONS) part 2

Skin Contact

Remove all contaminated clothing and footwear immediately unless stuck to skin. Drench the affected area with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye Contact

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion

Do NOT induce vomiting. If conscious give 1 pint of water to drink immediately. If unconscious check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation

Remove casualty from exposure ensuring one's own safety as well. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious, and breathing is correct, place in the recovery position. If conscious, ensure the casualty sits or lies down. If the breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	:	Carbon dioxide, Alcohol or polymer foam, Dry chemical mix
Exposure Hazards	:	Extremely flammable. In combustion emits toxic fumes. Vapour may travel considerable distance to source of Ignition and flash back. Forms explosive air-vapour mixture.
Protection of Fire-fighters	:	Wear self-contained breathing apparatus. Wear protective Clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Eliminate all sources of ignition. Mark out contaminated area with signs and prevent access to all unauthorised personnel. Turn leaking containers leak-side up to prevent further escape of liquid.

Environmental Precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up Procedures

Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements

Ensure there is sufficient ventilation of the area. Smoking is forbidden. Avoid direct contact with the substance. Use non-sparking tools.

Storage Conditions

Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients :

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
XYLENE	100.00	662.00	50.00	441.00	OES

Engineering Measures

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory Protection

Self contained breathing apparatus must be available in case of emergency.

Hand Protection

Protective gloves

Eye protection

Eye protection or goggles designed to protect against liquid splashes should be worn.

Skin Protection

Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. Ensure safety shower is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Aerosol
Colour	:	Clear colourless
Odour	:	aromatic
Evaporation Rate	:	Fast
Solubility in Water	:	Insoluble
Flash Point C	:	-4
Oxidising	:	Non-oxidising (by EU criteria)

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions
Conditions to Avoid	:	Sources of ignition
Materials to Avoid	:	Oxidising Agents
Haz. Decomp. Products	:	In combustion, emits toxic fumes of carbon dioxide and Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Ingredients	:	XYLENE ORL PGN LD50 662 mg/kg
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12. ECOLOGICAL INFORMATION

Mobility	:	Insoluble in water
Persistence and Degradability	:	Biodegradable in part only
Bio-accumulative Potential	:	Bio-accumulation potential

13. DISPOSAL INFORMATION

NB:

The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations.

14. TRANSPORT INFORMATION

Road/Rail	:UN No.....1950 Designation.....AEROSOL DISPENSERS NOS	Packing Group....N/A	Class.....2
Sea	:Packing Grp. <= 30 lts.....N/A Marine Pollutant.....No EMS.....2-13 Main Risk.....FLAMMABLE IMDG PAGE No 9022 Shipping Name.....AEROSOL DISPENSERS NOS	Packing Grp. > 30 lts.....N/A UN No.....1950 MFAG.....260***	Class.....2
Air	:Packing grp. <= 30 lts.....N/A UN Number.....1950	Packing Grp. > 30 lts.....N/A	Class.....2
International Road/Rail	:Item Number..... Main Risk.....FLAMMABLE Shipping Name.....AEROSOL DISPENSERS NO	UN Number.....1950	Class..... 2

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.



Classifications	:	Extremely Flammable	Harmful
Contains	:	XYLENE	
P Phrases	:	Pressurised container, may burst if heated. Protect from sunlight. Do not expose to temperatures exceeding 50 C, Do not pierce or burn, even after use. Keep away from heat, hot surfaces, Sparks, open flames and other ignition sources. No Smoking. In use may form flammable/explosive vapour-air mixture. Use only as described. (BAMA) Lubricant. 1950	
Risk/Safety Phrases:	:	Extremely flammable aerosol. Cause skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long term effects. Avoid breathing vapour/spray. Wear protective gloves. Use only outdoors or in a ventilated area. IF ON SKIN: Wash with soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position Comfortable for breathing. If exposed or concerned get medical advice or attention. Avoid release to the environment.	
Note	:	the regulatory information given above only indicates the principal regulations Specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.	

16. ADDITIONAL INFORMATION

Risk Phrases Listed in Section 2

R10 Flammable

R11 Highly flammable

R20/21 Harmful by inhalation and in contact with skin

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.