

SAFETY DATA SHEET

B26

Product name: BACEL[®] RI

1. IDENTIFICATION OF THE PRODUCER AND DISTRIBUTOR

Production plant:	Verheijen Resins BV Ambachtweg 4-10 6657 CK Boven Leeuwen, The Netherlands Tel. 31 (0) 8879 3778 – Fax. 31 (0) 8879 4836
Marketing company:	RTI nv/sa Ouderdomseweg 14 B-8970 Poperinge, Belgium Tel. 32 (0) 57 333249 – Fax. 32 (0) 57338148

2. COMPOSITION

CHEMICAL NAME :	urea – melamine – aldehyde resin
SYNONYMS :	UP resin
CHEMICAL FAMILY :	aminoplast - duroplast
FORMULA :	H2N-CO-NH-CH2—H2N-CO-NH-CH2-H2O

3. HAZARDS IDENTIFICATION

NFPA : R:23-43 S: 26-51

This water-based resin is non-hazardous.
It has light irritating effect on eyes, skin and when inhaled.

4. FIRST-AID MEASURES

Skin contact :	Rinse immediately with water
Eye contact :	Rinse immediately with water and require medical advice
When irritation after inhalation :	Leave immediately area to get fresh air

5. FIRE-FIGHTING MEASURES

The water-based resin is not flammable, does not ignite nor burn

6. ACCIDENTAL RELEASE MEASURES

Released indoors	Rinse immediately and abundantly with water within 15 min. Aerate the room to evacuate eventual vapours. R23 – Do not inhale the emanations R43 – Irritate skin
Released outdoors	Rinse immediately and abundantly with water within 15 min. R43 - Irritate skin

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Revision nr. 3
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7. HANDLING AND STORAGE

Handling	Operators must be trained to work with UF resins. Wear rubber gloves and safety goggles. Remove stained clothes and clean before re-use.
Storage	Store the resin above 5°C to avoid polymerisation. Keep storage container closed. Protect from direct sun light. Store in a ventilated area. Prevent contact with acids and alkalis.

8. EXPOSURE PROTECTION / PERSONAL PROTECTION

Exposure protection	Keep storage container always closed. Ventilate storage area.
Personal protection	Operators must be trained to work with UF resins. Wear rubber gloves and safety goggles.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Transparent, white syrupy liquid
Odour	Light smell of formol
% H ₂ N-CO-NH-CH ₂	63 %
ph	4,6 - 5,5
Boiling point	+ 375 °C
Flash point	non flammable
Flammability	non flammable
Auto ignition	non flammable
Explosive properties	none
Oxidising properties	at temp. higher than 25 °C
Relative density	1,18
Solubility in water	100 %
Viscosity (Cp at 30 °C)	17

10. STABILITY AND REACTIVITY

Stability (temperature, light, etc...)	stable
Reactivity	none
Conditions to avoid	ambient temperature at storage < 5°C
Dangerous by-products	none

11. TOXICOLOGICAL INFORMATION

Eyes	Light irritating
Skin	Light irritating
Inhalation	Light irritating
Carcinogenicity	The resin is not carcinogen

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12. ECOLOGICAL INFORMATION

Fisk LC50 - 96h	4,96 mg/l	(ECOTOX 1999)
Daphnia EC50 - 48h	5,80 mg/l	(ECOTOX 1999)
Algea EC50 - 72h	10,00 mg/l	(ECOTOX 1999)

13. DISPOSAL OF CHEMICAL WASTE

Disposal method	Dilution with water and flush away. Polymerisation with light acid. Grinding and disposal in landfill.
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14. TRANSPORT INFORMATION

Identification Nr.	3909100
Transport name	UF resin
ADR/RID	Not applicable
IMO-IMDG code	Not applicable
ICAO/IATA	Not applicable

15. REGULATORY INFORMATION

R - sentences	R23 - Do not inhale the emanations R43 - Irritate skin, rinse immediately and abundantly with water
S - sentences	S26 - Irritate eyes, rinse eyes immediately and abundantly with water and require medical advice. S51 - Use in ventilated area's

16. OTHER INFORMATION

For detailed information see manufacturer's specifications and manuals