

***** SAFETY DATA SHEET *******1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	ECCOBOND 286 PART A
RECOMMENDED USE	Adhesive
SUPPLIER	ICI Belgium nv (Emerson & Cuming) Nijverheidsstraat 7 B 2260 Westerlo Belgium
	EMERGENCY TELEPHONE: BIG, Technische Schoolstraat 43 A, B-2440 Geel +32 (0)14 58 45 45 (Fax: +32 (0)14 58 35 16)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>EC NUMBER</u>	<u>CONCENTRATION %</u>	<u>EC SYMBOL</u> <u>RISK PHRASES</u>
Epoxy resin (number average molecular weight <= 700)	500-033-5	>50	XI N R36/38 R43 R51/53
Epoxy resin		5 - 10	XI N R43 R51/53 R36/38

For full text of risk phrases, please refer to Section 16.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	IRRITANT SENSITIZER
	DANGEROUS FOR THE ENVIRONMENT
EYE	Will cause eye irritation.
SKIN CONTACT	Irritating to the skin. Repeated and/or prolonged contact may cause skin sensitisation.
INHALATION	Irritating and/or toxic vapours may be released at elevated temperatures.
INGESTION	No hazard in normal industrial use.
ENVIRONMENTAL	Toxic to aquatic life.

4. FIRST-AID MEASURES

EYE	Obtain medical attention. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
SKIN CONTACT	Wash skin with soap and water. If symptoms develop, obtain medical attention.
INHALATION	Remove to fresh air. Administer oxygen to aid breathing. Get medical attention.
INGESTION	DO NOT attempt to give anything by mouth to an unconscious person. Treat symptomatically and supportively. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	CO ₂ ; Dry Chemical; Foam; Water Spray
SPECIAL FIREFIGHTING PROCEDURES	Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
FIRE & EXPLOSION HAZARDS	Combustion will evolve toxic and irritant vapours.
HAZARDOUS COMBUSTION PRODUCTS	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
LOWER EXPLOSION LIMIT (%)	Not applicable
UPPER EXPLOSION LIMIT (%)	Not applicable
FLASH POINT	> 93 °C

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES	Do not allow to enter drains, sewers or watercourses. Adsorb spillages onto sand, earth or any suitable adsorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water.
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For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE	18 - 25 °C
HANDLING/STORAGE	Store at room temperature.
SPECIAL SENSITIVITY	Keep away from heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE CONTROLS

VENTILATION REQUIREMENTS	Local exhaust.
EYE PROTECTION REQUIREMENTS	Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN 166.
GLOVE REQUIREMENTS	The use of chemically resistant gloves is recommended. Gloves should conform to EN 374.
CLOTHING REQUIREMENTS	Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance.
WASH REQUIREMENTS	Wash before eating, drinking, or using toilet facilities.
RESPIRATORY REQUIREMENTS	Local exhaust.

ENVIRONMENTAL EXPOSURE CONTROLS

Do not allow to enter drains, sewers or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Paste
COLOUR	white
ODOUR	Slight
BOILING POINT	Not determined.
RELATIVE DENSITY	1.1
VAPOUR PRESSURE (mmHg)	Not determined.
FLASH POINT	> 93 °C

10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID	Elevated temperatures.
MATERIALS TO AVOID	Amines., Mercaptans., Strong Lewis acids
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide, unknown hydrocarbons.

11. TOXICOLOGICAL INFORMATION

EYE	Will cause eye irritation.
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SKIN	Irritating to the skin. Repeated and/or prolonged contact may cause skin sensitisation.
INHALATION	Irritating and/or toxic vapours may be released at elevated temperatures.
INGESTION	No hazard in normal industrial use.

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

SKIN SENSITIZATION	Sensitizer.
	Sensitizer.
POSSIBLE BIRTH DEFECT HAZARD	No.
CARCINOGEN	No.
ORAL LD50, SPECIES TESTED	Oral LD50: > 2000 mg/kg
DERMAL LD50, SPECIES TESTED	Dermal LD50: > 2000 mg/kg
INHALATION LC50, SPECIES TESTED	Inhalation LC50 Unknown

12. ECOLOGICAL INFORMATION

POTENTIAL EFFECT ON ENVIRONMENT	Toxic to aquatic organisms.
AQUATIC TOXICITY	1 - 10 mg/l
PERSISTENCE AND DEGRADABILITY	Not readily biodegradable.
POTENTIAL TO BIOACCUMULATE	Unknown.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS	Waste disposal should be in accordance with existing Community, National and local regulations.
EMPTY CONTAINER WARNINGS	Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION (See also section 9)

IATA CLASSIFICATION	
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
HAZARD CLASS	9
SUBSIDIARY HAZARD CLASS	
U.N. NUMBER	UN3082
PACKAGING GROUP	III

IMDG CLASSIFICATION	
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
HAZARD CLASS	9
SUBSIDIARY HAZARD CLASS	
U.N. NUMBER	UN3082
PACKAGING GROUP	III
MARINE POLLUTANT	NO

ADR/RID	
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
HAZARD CLASS	9
SUBSIDIARY HAZARD CLASS	
U.N. NUMBER	UN3082
PACKAGING GROUP	III

15. REGULATORY INFORMATION

EC INDICATION OF DANGER	DAANGEROUS FOR THE ENVIRONMENT
EC SYMBOL	IRRITANT



RISK PHRASES	R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact.
SAFETY PHRASES	S61 - Avoid release to the environment. Refer to special instructions/Safety data sheet. S24 - Avoid contact with skin. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection.
CONTAINS	Epoxy resin (number average molecular weight <= 700) Epoxy resin
SPECIAL PHRASES	Contains epoxy constituents. See information supplied by the manufacturer.
EINECS	All components of this product are listed in EINECS or ELINCS, or are otherwise exempt from EU notification requirements.

16. OTHER INFORMATION

REPLACES VERSION DATED	11/09/2002
ORIGINAL DOCUMENT DATED	23/07/2002
FOR REGULATORY	Linda Desiron
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FULL TEXT OF RISK PHRASES FOR INGREDIENTS INDICATED IN SECTION 2:

Epoxy resin (number average molecular weight <= 700)	R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Epoxy resin	R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R36/38 - Irritating to eyes and skin.

Directives 1999/45/EC and 91/155/EEC have been considered when compiling this SDS; the information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.