



## \*\*\* SAFETY DATA SHEET \*\*\*

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

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PRODUCT NAME	STYCAST 1266 PART A
RECOMMENDED USE	Encapsulants
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

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<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	R51/53 R43 R36/38 N XI

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

### 3. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW	SENSITIZER IRRITANT
	DANGEROUS FOR THE ENVIRONMENT

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EYE	Will cause eye irritation.
SKIN CONTACT	Irritating to the skin. Repeated and/or prolonged contact may cause skin sensitisation.
INHALATION	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Irritating and/or toxic vapours may be released at elevated temperatures.
INGESTION	No hazard in normal industrial use.
ENVIRONMENTAL	Toxic to aquatic organisms.

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#### **4. FIRST-AID MEASURES**

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

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#### **5. FIRE-FIGHTING MEASURES**

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EXTINGUISHING MEDIA	CO <sub>2</sub> ; Dry Chemical; Water Fog; Foam; Do not use direct water stream on burning liquid.
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	Thermal decomposition products are hazardous and/or toxic.
FLASH POINT	> 150 °C

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#### **6. ACCIDENTAL RELEASE MEASURES**

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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.

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**7. HANDLING AND STORAGE**


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STORAGE TEMPERATURE	18 - 25 °C
HANDLING/STORAGE	Keep containers properly sealed when not in use.
SPECIAL SENSITIVITY	Keep away from heat.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**


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COMPONENT	EXPOSURE LIMITS
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**OCCUPATIONAL EXPOSURE CONTROLS**

VENTILATION REQUIREMENTS	Local exhaust. Vent curing oven to outdoors.
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.
CHANGE/REMOVAL OF CLOTHING	Remove contaminated clothing and launder before reuse.
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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**


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PHYSICAL FORM	Liquid
COLOUR	blue
ODOUR	Slight
SOLUBILITY IN WATER	Insoluble
RELATIVE DENSITY	1.1
FLASH POINT	> 150 °C

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## **10. STABILITY AND REACTIVITY**

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STABILITY	Stable
CONDITIONS TO AVOID	Elevated temperatures.
MATERIALS TO AVOID	Amines., Acids., Oxidizers.
HAZARDOUS	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
DECOMPOSITION PRODUCTS	

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## **11. TOXICOLOGICAL INFORMATION**

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EYE	Will cause eye irritation.
SKIN	Irritating to the skin. Repeated and/or prolonged contact may cause skin sensitisation.
INHALATION	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Irritating and/or toxic vapours may be released at elevated temperatures.
INGESTION	No hazard in normal industrial use.
SKIN SENSITIZATION	Sensitizer.
ORAL LD50, SPECIES TESTED	Oral LD50: Rat > 2000 mg/kg
DERMAL LD50, SPECIES TESTED	Dermal LD50: Rabbit > 2000 mg/kg
INHALATION LC50, SPECIES TESTED	Inhalation LC50 Unknown

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## **12. ECOLOGICAL INFORMATION**

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POTENTIAL EFFECT ON ENVIRONMENT	Toxic to aquatic organisms.
AQUATIC TOXICITY	None Established
PERSISTENCE AND DEGRADABILITY	Not readily biodegradable.
POTENTIAL TO BIOACCUMULATE	The product has high potential for bioaccumulation.

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## **13. DISPOSAL CONSIDERATIONS**

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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.

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**14. TRANSPORT INFORMATION (See also section 9)**


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IATA CLASSIFICATION  
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (contains epoxy resin)  
HAZARD CLASS 9  
U.N. NUMBER UN3082  
PACKAGING GROUP III

IMDG CLASSIFICATION  
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (contains epoxy resin)  
HAZARD CLASS 9  
U.N. NUMBER UN3082  
PACKAGING GROUP III  
MARINE POLLUTANT NO

ADR/RID  
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (contains epoxy resin)  
HAZARD CLASS 9  
U.N. NUMBER UN3082  
PACKAGING GROUP III  
ADR ITEM NUMBER 11

**15. REGULATORY INFORMATION**

EC INDICATION OF DANGER	DANGEROUS 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)
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	02/03/2005
ORIGINAL DOCUMENT DATED	26/09/2002
FOR REGULATORY	Linda Desiron
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FULL TEXT OF RISK PHRASES FOR INGREDIENTS INDICATED IN SECTION 2:

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Epoxy resin (number average  
molecular weight  $\leq$  700)

R51/53 - Toxic to aquatic organisms, may cause long-term adverse  
effects in the aquatic environment.

R43 - May cause sensitisation by skin contact.

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.