



SAFETY DATA SHEET CURING AGENT A

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	CURING AGENT A
SUPPLIER	ACC SILICONES LIMITED AMBER HOUSE SHOWGROUND ROAD BRIDGWATER SOMERSET TA6 6AJ +44(0)1278 411400 +44(0)1278 411444
EMERGENCY TELEPHONE	DEUTSCHLAND +49 61316291880 FRANCE+4961316291880 ITALIA +39 029880913 UK+44(0)1278411400 HONG KONG +852 3190 5112 HONG KONG +852 3190 5112

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DIBUTYLTIN DILAURATE	201-039-8	77-58-7	80 to 99%	T;R48/25. Rep 1;R60,R61. Xn;R22. Mut 3;R68. Xi;R36. N;R50/53.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes. May impair fertility. May cause harm to the unborn child. Toxic: danger of serious damage to health by prolonged exposure if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of irreversible effects.

CLASSIFICATION T;R48/25. Rep 1;R60, R61. Xn;R22. Mut 3;R68. Xi;R36. N;R50/53.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Get medical attention if any discomfort continues.

INHALATION

Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Carbon dioxide (CO₂). Foam. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO₂).

CURING AGENT A

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Inform Authorities if large amounts are involved. Dike far ahead of larger spills for later disposal. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Keep in original container. Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
DIBUTYLTIN DILAURATE	WEL		0.1 mg/m3		0.2 mg/m3

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Rubber gloves are recommended. Nitrile gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Amber		
ODOUR	Mild		
SOLUBILITY	Insoluble in water Miscible with Aromatic solvents Hydrocarbons. Chloroform		
RELATIVE DENSITY	1.04 @ 23°C	VISCOSITY	50 mPa.s @ 23°C
FLASH POINT (°C)	>150 CC (Closed Cup)	AUTO IGNITION TEMPERATURE (°C)	>400

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

CURING AGENT A**CONDITIONS TO AVOID**

Avoid contact with strong oxidisers. Avoid contact with water.

MATERIALS TO AVOID

Strong oxidising substances. Water, steam, water mixtures.

HAZARDOUS DECOMPOSITION PRODUCTSFire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Oxides of: Silicon. Tin.**11 TOXICOLOGICAL INFORMATION****INHALATION**

Gas or vapour in high concentrations may irritate respiratory system.

INGESTION

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritation of eyes and mucous membranes.

Name	DIBUTYLTIN DILAURATE
Toxic Dose 1 - LD 50	1776 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

BIOACCUMULATION

The product is not bioaccumulating.

DEGRADABILITY

The product is not expected to be biodegradable.

WATER HAZARD CLASSIFICATION**WGK 2**

Name	DIBUTYLTIN DILAURATE
LC 50, 96 Hrs, FISH mg/l	2
EC 50, 48 Hrs, DAPHNIA, mg/l	0.66

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Absorb in vermiculite or dry sand, dispose in licensed special waste. Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIBUTYLTIN DILAURATE)		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	ADR LABEL NO.	9
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	90GM6-III
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PAGE NO.	9	IMDG PACK GR.	III

CURING AGENT A

EMS
MARINE POLLUTANT

F-A, S-F

MFAG
UN NO. AIR

See Guide
3082



AIR CLASS 9 AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING



Toxic



Dangerous for the environment

CONTAINS

DIBUTYLTIN DILAURATE

RISK PHRASES

- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R60 May impair fertility.
- R61 May cause harm to the unborn child.
- R68 Possible risk of irreversible effects.

SAFETY PHRASES

- S25 Avoid contact with eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- S53 Avoid exposure - obtain special instructions before use.
- S57 Use appropriate containment to avoid environmental contamination.
- S60 This material and its container must be disposed of as hazardous waste.
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- P11 Restricted to professional users.

16 OTHER INFORMATION

REVISION DATE 04/03/2006

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.