

Material Safety Data Sheet

Version: 1.11

Revision Date : 05/08/2008
Date Issued : 12/12/2009

ABIL EM 90

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

Trade name : ABIL EM 90
PRODUCT CODE : 201109
CHEMICAL FAMILY : modified polyether-polysiloxane

Information on manufacturer/supplier : Evonik Goldschmidt GmbH
Goldschmidtstr. 100
Essen, 05 45127

Emergency telephone number (24h) :
Telephone:
CHEMTREC (800) 424-9300
CANUTEC (613) 996-6666
Non-Emergency Phone Number: (800) 732-5616

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Siloxanes and Silicones, cetyl Me, di-Me, Me hydrogen, reaction products with polyethylene glycol monoallyl ether	144243-53-8	< 95

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid
Colour : colourless to yellowish
Odour : Low characteristic Odor
Water solubility : insoluble

pH :
not applicable
delivered form

Potential health effects

Eyes : Minimally irritating to eyes.

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Skin : This product can cause mild skin irritation.

Ingestion : No harmful effects have been reported upon ingestion.

Inhalation : No harmful effects have been reported upon inhalation.

Primary routes of entry : Eyes, Skin

Target organs : Eyes, Skin

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

4. FIRST AID MEASURES

Eyes : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.

Skin : Immediately and thoroughly, wash off with soap and water.

Ingestion : If swallowed, seek medical attention and show MSDS.

Inhalation : Remove individual from site of exposure to fresh air.

5. FIRE-FIGHTING MEASURES

Flash point : > 248 °F
Method: TAG CC

Autoignition temperature : not measured

Upper Explosion limits : not measured

Lower explosion limit : not measured

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Extinguishing media which must not be used for safety reasons : not applicable

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- Products in case of fire : In the event of fire the following can be released:
- Carbon monoxide, carbon dioxide, silicon dioxide
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Combustible Liquid, Class IIIB

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :
Control spill with adsorbant pads or booms, if necessary.
Apply granular or loose sorbent to spill. When adsorbed, sweep or otherwise collect and dispose of properly.

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

7. HANDLING AND STORAGE

General Procedures Handling

- Advice on safe handling : No special measures necessary if used correctly.
- Advice on protection against fire and explosion : No special measures required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Personal protective equipment

- | | |
|------------------------|--|
| Hygiene measures | : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. |
| Respiratory protection | : Respiratory protection is not required. |
| Hand protection | : PVC gloves |
| Eye protection | : Use chemical resistant goggles or safety glasses with side shields. |
| Protective clothing | : light protective clothing |
| Engineering controls | : Good general (mechanical) ventilation should be sufficient to control airborne levels. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---------------------|---|
| Form | : Liquid |
| Colour | : colourless to yellowish |
| Odour | : Low characteristic Odor |
| Melting temperature | : not measured |
| Boiling temperature | : not measured |
| Vapour pressure | : not measured |
| Density | : 0.915 - 0.945 g/cm ³
at 77.00 °F
Method: DIN 51757 |
| Weight per volume | : 7.81 Lb/Gal |
| Water solubility | : insoluble |
| pH | : delivered form
not applicable |
| Viscosity, dynamic | : 1,000 - 2,300 mPa.s
at 25 °C
Method: DIN 53015 (Höppler) |
| Evaporation rate | : Unavailable |

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Volatile organic compound : volatile in water: 0.0 %

10. STABILITY AND REACTIVITY

Conditions to avoid : None

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous polymerisation : No

Stability : Yes

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Species: rat(male/female)
Dose: > 5,000 mg/kg
Method: 16 CFR 1500.3

Skin irritation : Species: rabbit
mild irritant
Method: 16 CFR 1500.41
Exposure time: 24 h

Eye irritation : Species: rabbit eye
minimally irritant
Method: 16 CFR 1500.42
Exposure time: 24 h

Sensitization : Species: Guinea pig
non-sensitizing
Method: OECD 406

Note : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.
The substance has no mutagenic activity (Ames Test)

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12. ECOLOGICAL INFORMATION

Further ecological information

Ecological notes : Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

Product disposal and disposal requirements : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

DOT (Department of Transportation)

CFR Road:

Not regulated

CFR Rail:

Not regulated

CANADA Transport of Dangerous goods

TDG Road:

Not regulated

TDG Rail:

Not regulated

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15. REGULATORY INFORMATION

United States

SARA Section 311/312 : Fire: No
Pressure generating: No
Reactivity: No
Acute: Yes
Chronic: No

SARA Sections : SECTION 313
Notification : No
This product contains no SARA Title III, Section 313 listed chemicals.

Notification Status : TSCA
Notification : Yes
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.

California Proposition 65 Statement : Notification : No
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

Canada : WHMIS CLASSIFICATION
Class D, Division 2, Subdivision B

This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

Notification Status : Canadian Environmental Protection Act
DSL
Notification : Yes
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

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CTFA : CTFA regulation: All components of this product are INCI (CTFA) registered. Cosmetic use only.

16. OTHER INFORMATION

HMIS Codes : Fire : 1
Health : 2
Physical Hazard : 0
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon