



The Chemical Company

Safety data sheet

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BASF Construction Chemicals Safety data sheet according to 91/155/EEC

Date / Revised: 2007/12/15

Product: EPOLITH P PTB

Version: 1.0

(30367768/MDS_GEN_US/EN)

Date of print 15.01.2009

1. Substance/preparation and company identification

EPOLITH P PTB

Company:

BASF Construction Chemicals
100 Campus Drive
Florham Park, NJ 07932

Emergency information:

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
ALKYL AMINE BLEND	Proprietary		N.E.	N.E.	N.E.	30.00 - 60.00 %
4-NONYLPHENOL	84852-15-3	N.E.	N.E.	N.E.	N.E.	15.00 - 40.00 %
DIISOCTYL PHTHALATE	27554-26-3	N.E.	N.E.	N.E.	N.E.	5.00 - 10.00 %
POLYAMIDE RESIN	Proprietary	N.E.	N.E.	N.E.	N.E.	5.00 - 10.00 %
TETRAETHYLENE PENTAMINE	112-57-2	N.E.	N.E.	N.E.	N.E.	5.00 - 10.00 %

3. HAZARDS IDENTIFICATION

HMIS® Rating

HEALTH
3

FLAMMABILITY
1

PHYSICAL
HAZARD
0

WHMIS Class

: E
D2B

Primary Routes of Entry

: Ingestion

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Inhalation
 Eye contact
 Skin contact

Effects of Overexposure

- Inhalation** : Harmful by inhalation. Can cause moderate to severe irritation.
- Skin** : Can cause severe irritation and possible burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact.
- Eyes** : Corrosive. Can cause severe irritation, redness, tearing and blurred vision and possible burns and corneal injury.
- Ingestion** : Corrosive! Can cause severe and permanent damage to mouth, throat and stomach.
- Chronic exposure** : Existing respiratory or skin ailments may be aggravated by exposure.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
ALKYL AMINE BLEND	N.E.	N.E.	N.E.	N.E.
4-NONYLPHENOL	N.E.	N.E.	N.E.	N.E.
DIISOCTYL PHTHALATE	N.E.	N.E.	N.E.	N.E.
POLYAMIDE RESIN	N.E.	N.E.	N.E.	N.E.
TETRAETHYLENE PENTAMINE	N.E.	N.E.	N.E.	N.E.

4. FIRST AID MEASURES

- Eye contact** : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin contact** : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion** : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
- Inhalation** : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point** : > 200.01 °F (93.34 °C) Method: Pensky-Martens C.C.
- Autoignition temperature** : no data available
- Lower explosion limit** : 1 %(V)
- Upper explosion limit** : 6 %(V)
- Suitable extinguishing media** : water fog

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- water spray
carbon dioxide (CO₂)
foam
dry chemical
- Fire and Explosion Hazards : Fire may produce irritating or poisonous fumes. Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.
- Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up : Evacuate personnel to safe areas. Wear personal protective equipment (refer to section 8). Contain spill immediately. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

- Handling : Keep out of reach of children. For personal protection see section 8.
- Storage : Store in a place accessible by authorized persons only. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection : When handling product, wear protective equipment such as:
goggles
safety glasses with side-shields
face-shield
- Hand protection : Wear Chemically resistant gloves.
- Body Protection : Chemically resistant clothes
preventive skin protection
- Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.
- Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.
- Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Color : black

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Physical State	:	liquid
Odor	:	mild ammoniacal
pH	:	no data available
Odor Threshold	:	no data available
Vapor Pressure	:	< 1 mm/Hg at 77 °F (25 °C)
Vapor Density	:	Heavier than air
Boiling point/range	:	>235.00 °F (112.78 °C)
Freeze Point	:	no data available
Water solubility	:	slightly soluble
Specific Gravity	:	0.96
Viscosity	:	no data available
Evaporation rate	:	Slower than Butyl acetate
Partition coefficient (n-octanol/water)	:	no data available
VOC Concentration as applied (less water and exempt solvents)	:	< 3 g/l Note: VOC concentration expressed as applied when all components are mixed and applied per manufacturer's instructions.

10. STABILITY AND REACTIVITY

Stability	:	Stable under recommended storage conditions.
Conditions to avoid	:	None known.
Materials to avoid	:	strong acids strong bases
Hazardous decomposition products	:	Oxides of carbon nitrogen oxides (NOx) ammonia Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous polymerization	:	Will not occur when handled according to manufacturer's instructions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity	Type	Value	Species	Exposure time
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<u>Product</u>	LC50	no data available
<u>Component</u>		
ALKYL AMINE BLEND	LC50	no data available
4-NONYLPHENOL	LC50	no data available
DIISOCTYL PHTHALATE	LC50	no data available
POLYAMIDE RESIN	LC50	no data available
TETRAETHYLENE PENTAMINE	LC50	no data available

Acute oral toxicity

<u>Product</u>	<u>Type</u> LD50 (Oral)	<u>Value</u> no data available	<u>Species</u>
<u>Component</u>			
ALKYL AMINE BLEND	LD50 (Oral)	no data available	
4-NONYLPHENOL	LD50 (Oral)	no data available	
DIISOCTYL PHTHALATE	LD50 (Oral)	no data available	
POLYAMIDE RESIN	LD50 (Oral)	5,000 mg/kg	
TETRAETHYLENE PENTAMINE	LD50 (Oral)	738 mg/kg	

Acute dermal toxicity

<u>Product</u>	<u>Type</u> LD50 (Dermal)	<u>Value</u> no data available	<u>Species</u>
<u>Component</u>			
ALKYL AMINE BLEND	LD50 (Dermal)	no data available	
4-NONYLPHENOL	LD50 (Dermal)	no data available	
DIISOCTYL PHTHALATE	LD50 (Dermal)	no data available	
POLYAMIDE RESIN	LD50 (Dermal)	no data available	
TETRAETHYLENE PENTAMINE	LD50 (Dermal)	660 mg/kg	rabbit

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

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Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT	: Proper shipping name	CORROSIVE LIQUIDS, N.O.S. (ALKYL AMINE; 4-NONYLPHENOL)
	UN-No	1760
	Class	8
	Packaging group	III
	Primary Label	Corrosive
IATA	: Proper shipping name	CORROSIVE LIQUIDS, N.O.S. (ALKYL AMINE; 4-NONYLPHENOL)
	UN-No	1760
	Class	8
	Packaging group	III
	Primary Label	Corrosive

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
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This product contains no chemicals subject to the SARA 313 supplier notification requirements.

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
	27554-26-3	DIISOCTYL PHTHALATE

TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no TSCA 12(b) Chemicals in this product.

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer,

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birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
1333-86-4	CARBON BLACK

16. OTHER INFORMATION

Legend : N.E. - Not Established
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit
PEL - Permissible Exposure Limit
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.