



Safety Data Sheet

[Dipak E-4565-3B]

Section 1. Identification

Product Identifier [Dipak E-4565-3B]
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use Epoxy/Urethane Curative
Uses advised against N/A

Manufacturer Contact
Address Hapco Inc.
353 Circuit St.
Hanover, MA, 02339
U.S.A

Phone
(781) 826-8801

Emergency Phone
(800) 424-9300
CHEMTREC Night and
day

Fax
(781) 826-9544

Website
www.hapcoweb.com

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
CARCINOGENICITY - Category 2
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -
Category 1
Signal Word Warning

Pictogram



Hazard Statements

Harmful if swallowed
Suspected of causing cancer (state route of exposure if no other routes of exposure cause the hazard)
Very toxic to aquatic life with long lasting effects

Precautionary Statements

Response

Collect spillage
If exposed or concerned: Get medical advice/attention.
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
Rinse mouth.

Prevention

Avoid release to the environment
Do not eat, drink or smoke when using this product.
Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wash ...thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national /international regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Emergency Overview

Harmful if absorbed through skin. Causes eye irritation. May be harmful if swallowed. may cause skin irritation.

Classification

Harmful, possible corrosive, dangerous to the environment, carbon black is an IARC Group 2B carcinogen.

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|--|-----------|
| 1333-86-4 | Carbon black | 1% - Max |
| | Proprietary mixture of aromatic and aliphatic amines | 10% - 15% |
| 19900-65-3 | Benzenamine, 4,4'-methylenebis[2-ethyl- | 15% - 30% |
| 112-80-1 | 9-Octadecenoic acid (9Z)- | 4% - 8% |
| 13674-84-5 | 2-Propanol, 1-chloro-, phosphate (3:1) | 55% - 75% |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

| | |
|--------------|---|
| Eye Contact | Immediately rinse eyes with running water for at least 15-30 minutes. Seek immediate medical attention. |
| Skin Contact | Remove contaminated clothing. Launder clothing before re-use. Wash skin promptly with soap and water. Get medical attention if irritation persists. |
| Inhalation | Move to fresh air. Aide in breathing if necessary. Get medical attention. |
| Ingestion | Drink 1-2 glasses of water or milk. Induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention. |

Section 5. Fire Fighting Measures

| | |
|--------------------------------|--|
| Suitable Extinguishing Media | Water, carbon dioxide, foam or dry chemical. Full emergency equipment with self-contained breathing apparatus and full protective clothing (turnout gear) should be worn by fire fighters. Burning of this material may result in the release of toxic fumes. |
| Unsuitable Extinguishing Media | N/A |

Section 6. Accidental Release Measures

| | |
|-------------------------|--|
| Spill and Leaks | Evacuate nonessential personnel. Remove all sources of ignition and ventilate area. Dike or impound spilled material and control further spillage if feasible. Absorb on inert carrier. Sweep, scrape or vacuum up. Shovel into secure containers for proper disposal. Use personal protective equipment. Areas may be slippery. |
| Neutralization Chemical | Not Applicable use alcohol to clean surfaces |

Section 7. Handling and Storage

| | |
|-----------------|--|
| Product storage | Store tightly sealed and away from sources of direct heat in a dry area. |
|-----------------|--|

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|------------------------------|--|-----------|----------|------|
| | Carbon black | N/A | N/A | N/A |
| | Proprietary mixture of aromatic and aliphatic amines | N/A | N/A | N/A |
| | Benzenamine, 4,4'-methylenebis[2-ethyl- | N/A | N/A | N/A |
| | 9-Octadecenoic acid (9Z)- | N/A | N/A | N/A |
| | 2-Propanol, 1-chloro-, phosphate (3:1) | N/A | N/A | N/A |

Personal Protective Equipment PPE

Goggles, Gloves, Apron

Personal protection equipment selection is best assigned by the user after performing a hazard assessment on the product as it is to be used in the specific work process.

Section 9. Physical and Chemical Properties

| | |
|---------------------------------------|---------------|
| Physical State | liquid |
| Color | Black |
| Odor | slight odor |
| Odor Threshold | N/A |
| Solubility | Negligible |
| Partition coefficient Water/n-octanol | N/A |
| VOC% | N/A |
| Viscosity | low viscosity |
| Specific Gravity | 1 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | 340 C |
| FP Method | COC |
| Ph | N/A |
| Melting Point | NA |
| Boiling Point | >600F |
| Boiling Range | N/A |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | N/A |
| Flammability | N/A |
| Decomposition Temperature | N/A |
| Auto-ignition Temperature | N/A |
| Vapor Pressure | ND |
| Vapor Density | NA |

Section 10. Stability and Reactivity

| | |
|--------------------------|--|
| Stability | This is a stable product. |
| Incompatibility | Strong oxidizing agents, contact with nitrates, strong alkalis and strong acids may cause fires and explosions. |
| Hazardous Polymerization | Will not occur |
| Decomposition Products | Oxides of carbon and nitrogen under burning conditions. |
| Other Reactivity Data | Contact with certain rubbers and plastics can cause embrittlement or softening of the material with subsequent loss in strength. |

Section 11. Toxicological Information

| | |
|---------------------------|--|
| Primary Route(s) of Entry | Skin and Eyes |
| Inhalation | Irritating to respiratory system. |
| Skin | Can cause irritation to skin. |
| Eye | Can be severely irritation to eyes. |
| Ingestion | Harmful by ingestion, Nausea, stomach pain may occur; there may be vomiting, loss of consciousness, convulsions. |
| Carcinogenicity | Carbon Black is an IARC Group 2B carcinogen. - possibly carcinogenic to humans. |

Section 12. Ecological Information

No Data Available

Section 13. Disposal

Disposal Dispose of waste in compliance with all applicable federal, state and local environmental laws and regulations. Compliance with waste laws and regulations are the responsibility of the waste generator.

Section 14. Transport Information

UN Number 2735
UN Proper Shipping Name Amines, Liquid, Corrosive, N.O.S. (Polyetherdiamine)
DOT Classification 8
Packing Group II

Section 15. Regulatory Information

OSHA/HCS status This product is considered hazardous by the OSHA Hazardous Communication Standard (29CFR 1910.1200).

Section 16. Other Information

Revision Date 6/4/2015
HMIS III Health= 2 Fire= 1 Phy Hzd= 0
Disclaimer Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks and use of the product are therefore assumed by the user and we expressly disclaim all warranties of ever kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

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