

SAFETY DATA SHEET



Date Issued : 10/20/2014

SDS No : BP 9024 H

Date Revised : 11/20/2014

Revision No : 1

BP 9024 Hardener

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BP 9024 Hardener
PRODUCT DESCRIPTION: Mercaptan/Amine Hardener
PRODUCT CODE: BP 9024 Hardener

MANUFACTURER

BCC Products/Blehm Plastics
2140 Earlywood Drive
P.O. Box 327
Franklin, IN 46131
Customer Service: (317) 736-4090

24 HR. EMERGENCY TELEPHONE NUMBERS

FOR CHEMICAL EMERGENCY CALL CHEMTREC (24 HOURS)
1-800-424-9300 (U.S., Canada, Puerto Rico, Virgin Islands) 1-703-527-
3887 (Outside above area, collect calls accepted)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.
H332: Harmful if inhaled.
H315: Causes skin irritation.
H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash ... thoroughly after handling.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P362: Take off contaminated clothing and wash before reuse.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2,4,6-tris(dimethylaminomethyl)phenol	10 - 30	90-72-2

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

INGESTION: Rinse mouth with water. Remove dentures if any. Do not induce vomiting without medical advice. Give small quantities of water to drink. If a person vomits when lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn victim's head to the side. **ASPIRATION HAZARD.** This material may enter the lungs during vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get immediate medical attention. Get medical attention if adverse health effects persist or are severe.

INHALATION: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

NOTES TO PHYSICIAN: There is no specific antidote. Care is symptomatic and supportive.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire. Do not use water as an extinguisher as this will spread the fire.

FIRE FIGHTING EQUIPMENT: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

FIRE EXPLOSION: No specific fire or explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if there is no risk/ Move containers from spill area. absorb with and inert dry material and place in an appropriate waste disposal container. Dispose with a licensed waste disposal contractor.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local and state regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent further leakage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands thoroughly before eating, drinking or smoking.

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use explosion-proof equipment.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

SKIN: Chemical-resistant gloves should be worn such as polyvinyl alcohol or Viton. Gloves made of nitrile rubber or polyvinyl chloride can be used for splash protection and brief or intermittent contact with styrenated polyester resin.

RESPIRATORY: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mercaptan-like

ODOR THRESHOLD: Not Available

COLOR: Colorless to light yellow

PHYSICAL STATE COMMENTS: Liquid

pH: Not Available

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: > 9.33°C (1.999°F) PMCC

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 1.13

VISCOSITY #1: 1000 to 1600 cps. at 24°C (75°F)

VISCOSITY #2: 1000 to 1600 mPa.s

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong acids, strong bases.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: 1280 rat, mg/Kg.

Notes: 2,4,6-Tris(dimethylaminomethyl) phenol: Causes skin irritation

ORAL LD₅₀: 1200 rat; mg/kg

Notes: 2,4,6-Tris(dimethylaminomethyl) phenol

CARCINOGENICITY

IARC: Not Available

TARGET ORGANS: Not Available

TERATOGENIC EFFECTS: No known significant effects or critical hazards

MUTAGENICITY: No known significant effects or critical hazards

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

BIOACCUMULATION/ACCUMULATION: Bioaccumulation Potential: 2,4,6-Tris(dimethylaminomethyl) phenol LogPow: 0.219 BCF:
- Potential: low

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate or otherwise dispose of in compliance with all applicable federal, state and local environmental control laws and regulations.

GENERAL COMMENTS: The generation of waste should be avoided or minimized wherever possible.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: AVIATION REGULATED LIQUID, N.O.S. (Mercaptan amine blend)

UN/NA NUMBER: 3334

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III



LABEL:

NOTE: Passenger and Cargo Aircraft

Packaging Instructions: 964

Special Provisions

Schedule B Code 2930.90.91.90

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute health hazard

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No products were found.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2

CALIFORNIA PROPOSITION 65: This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA STATUS: Not Established

DEA (DRUG ENFORCEMENT PRECURSOR & ESSENTIAL CHEMICALS) LISTED SUBSTANCE: NA = Not Applicable

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



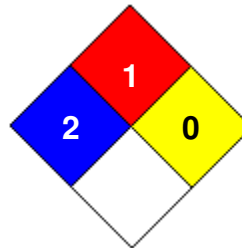
16. OTHER INFORMATION

REVISION SUMMARY: This SDS replaces the 10/21/2014 SDS. Revised: **Section 16: HMIS RATING - HEALTH NFPA CODES** (HEALTH, REACTIVITY).

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	X

NFPA CODES



MANUFACTURER DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BCC Products shall not be held liable for any damage resulting from handling or from contact with the above product.

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