

B. D. CLASSIC ENTERPRISES, INC.

DATE OF PREPARATION 11/15/11

Material Safety Data Sheet

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3798 NOVOLAC EPOXY CURING AGENT

CHEMICAL NAME AND/OR FAMILY DESCRIPTION: MIXTURE

CHEMICAL FAMILY: AMINE

INTENDED USE: EPOXY, CURING AGENT

COMPANY INFORMATION:

**B.D. CLASSIC ENTERPRISES
12903 SUNSHINE AVE.
SANTA FE SPRINGS, CA 90670
TELEPHONE # (562) 944-6177
CHEM TREC # 800-424-9300**

EMERGENCY OVERVIEW:

HMS HEALTH RATING 3 FLAMMABILITY 2 REACTIVITY 0

SECTION 2 INGREDIENTS

COMPOSITION:

CHEMICAL NAME	CAS	%
Benzyl Alcohol	100-51-6	< 40
Benzoic acid, 2-hydroxy-Salicylic Acid	69-72-7	< 15
1,2 Cyclohexanediamine	694-83-7	> 10
1,2-Diaminocyclohexane		
Proprietary Ingredients		> 5

SECTION 3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Warning! Combustible. Corrosive. Causes skin and eye burns. Can be harmful if inhaled or ingested.

Primary Route of Entry: Dermal

Chronic: Overexposure may have effects on kidney, liver, and nervous system.

SECTION 4 FIRST AID MEASURES

EYES: For eye contact, immediately flush eyes with plenty of water for 15 minutes. Seek immediate medical attention.

SKIN: Remove product and immediately flush affected area with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Destroy contaminated leather apparel and shoes. Launder contaminated clothing prior to reuse. Seek immediate medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

INHALATION: Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

OVEREXPOSURE EFFECTS: Corrosive – causes skin and eye burns. Causes irritation if inhaled and can cause allergic skin reaction. Can be harmful if inhaled or swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema or skin conditions.

ADDITIONAL INFORMATION: Promptly remove wet contaminated non-impervious clothing. Wash before reuse.

SECTION 5 FIRE – FIGHTING MEASURES

CHARACTERISTICS:

FLASH POINT (estimated) >75C (>165F)

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water spray.

SPECIAL FIRE FIGHTING PROCEDURES: A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Retain expended liquids from fire fighting for later disposal.

UNUSUAL OR EXPLOSIVE HAZARDS: Decomposition and combustion products may be toxic.

SECTION 6 ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Absorb onto absorbent material. Shovel into approved disposal container. Wear protective equipment to prevent exposure. Flush contaminated area with water.

SECTION 7 HANDLING AND STORAGE

Signal Word: Danger!

Precautions: Combustible. Keep away from heat and flame. Corrosive – causes skin and eye burns. Causes irritation if inhaled and can cause allergic skin reaction. Can be harmful if inhaled and may be harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Avoid tasting or swallowing. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling. Notice! Overexposure may have effects on kidney, liver, and nervous system.

Storage: Store in sealed containers. Keep containers closed to prevent moisture absorption and contamination.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Protection Equipment (Type): Wear protective equipment to prevent exposure and personal contact.

Skin Protection: Wear impervious gloves.

Eye/Face Protection: Use splash-proof chemical goggles.

Respiratory Protection: Use amine organic cartridge vapor respirator, if needed.

Engineering Controls: Good general mechanical ventilation and local exhaust.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Odor: Strong Amine
Physical State: Viscous Liquid
Solubility in Water: Partially Soluble

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizers and acids.

Hazardous Decomposition Products (from burning, heating, or reaction with other materials):
Carbon monoxide, carbon dioxide, aldehydes, nitrogen oxides.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: (LD50): Calculated to be approximately 2311 mg/kg
Salicylic acid = 891 mg/kg (Rat)
Benzyl alcohol = 1230 mg/kg (Rat)
1,2-Diaminocyclohexane = 2300 mg/kg (Rat)

INHALATION TOXICITY: (LD50): Calculated to be > 14 mg/l
Salicylic acid = > 0.9 mg/l (Rat)
1,2-Diaminocyclohexane = 3.2 mg/kg (Rat) (4 hr)

ACUTE INHALATION EXPOSURE EFFECTS: Respiratory irritant.

SENSITIZATION: Possible to susceptible individuals.

SKIN IRRITATION: Corrosive – Causes burns

EYE IRRITATION: Corrosive – Causes burns

SECTION 12 ECOLOGICAL INFORMATION

Additional Information: No Data

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Comply with all Federal, State and Local Regulations.

SECTION 14 TRANSPORTATION INFORMATION
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DOT, IATA, IMDG, and TDG: Non-Bulk	
Proper Shipping Name:	Polyamines, liquid, corrosive, n.o.s.
Technical Shipping Name (if n.o.s.):	Diaminocyclohexane
Hazard Class:	8
ID Number:	UN 2735
Packing Group:	PG II
Label:	Corrosive

SECTION 15 REGULATORY INFORMATION
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US FEDERAL REGULATIONS:

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet has been prepared in compliance with the federal OSA Hazard Communication Standard 29 CFR1910.1200 Hazard Class(es): This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40CFA 261) but handle with care due to corrosive effect on skin and eyes.

EPA SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any toxic chemicals for routine annual Toxic Chemical Release Reporting under Section 313 (40CFA372)

TSCA Section 8(b): Inventory Status: All chemical components of this product are in compliance with TSCA Inventory.

TSCA Section 12(b): Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification

State Regulations:

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

PENNSYLVANIA RIGHT TO KNOW:

CAS Number: Confidential
Generic name: Modified Aliphatic amine
Comment: Not on Pennsylvania Hazardous Substance List.

Cas Number: 100-51-6
Chemical Name: Benzenemethanol
Common Name: Benzyl Alcohol
Comment: Hazardous Substance.

CAS Number: 694-83-7
Chemical Name: 1,2-Cyclohexanediamine
Common Name: 1,2-Cyclohexanediamine
Comment: Not on Pennsylvania Hazardous Substance List

SECTION 16 INTERNATIONAL REGULATIONS

CANADIAN INVENTORY STATUS: This product contains only chemicals that are currently listed on the Canadian Domestic Substance List

CANADIAN WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. B3 D2B E

SECTION 17 OTHER INFORMATION

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of B. D. Classic Enterprises, Inc. Product Safety Program. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information obtained herein. Data sheets are available for all B. D. Classic products. You are urged to obtain data sheets for all B. D. Classic products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained therein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. B. D. Classic does not undertake to furnish advice on such matters.