

MATERIAL SAFETY DATA SHEET

Product Name: Araldite 502
Catalog Number: 21300
DOT Hazard Class: Not Hazardous
MSDS Updated: 9/2011

Distributed By: Ladd Research
83 Holly Court
Williston, VT 05495
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HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Bisphenol A Epoxy Resin	25068-38-6	>80%	5 mg/m ³ (manufacturer)
Dibutyl Phthalate	84-74-2	<20%	5 mg/m ³ (OSHA PEL)

PHYSICAL AND CHEMICAL DATA

Appearance and Odor: light colored liquid, slight aromatic odor

Boiling Point: >200° C

Solubility in Water: Insoluble

Specific Gravity: 1.13 (Water = 1)

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 400° F (Closed Cup)

Extinguishing Media: Carbon dioxide, foam, dry chemical, water spray

Special Fire Fighting Procedures: Use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

HEALTH HAZARD DATA

Primary Route of Exposure: Dermal

Generally non-irritating to eyes and skin.

EMERGENCY AND FIRST AID

Eye: Immediately flush eyes with water for at least 15 minutes.

Skin: Promptly wash thoroughly with mild soap and water.

Ingestion: If conscious, give large quantities of water. Obtain immediate medical attention.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Elevated temperatures.

Incompatibility: Strong oxidizing agents and nitrates.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Strong acids in bulk.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Absorb onto sand or other absorbent material. Shovel into closable container for disposal. Wear protective equipment specified below. Flush contaminated area with water.

Disposal: Dispose in accordance with federal, state and local regulations.

Storage: Store in cool, dry area in closed containers.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Good general mechanical ventilation recommended.

Protective Gloves: Wear impervious gloves.

Eye: Wear splash-proof chemical goggles or complete face shield.

Respiratory: Organic chemical cartridge respirator, if needed.

SECTION 313 SUPPLIER NOTIFICATION

The following chemical is subject to the reporting requirements of SARA Title III:

Dibutyl phthalate, CAS [84-74-2]

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