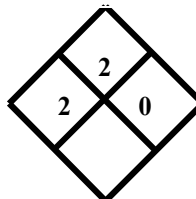


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24-Hour Emergency Phone: 1-888-354-3323

Effective Date: 9/29/04**Material Safety Data Sheet**

MSDS No: 5716

1. PRODUCT IDENTIFICATION**Trade Name:** Araldite AV 1253**Chemical Family:** Epoxy

NFPA RATING

Health:	2
Flammability:	2
Reactivity:	0
Personal Protection:	

HMIS RATING

Synonyms:

RP 1253 RESIN

Intended Use or Product Type: Carvable paste**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				MFR.	CARCINOGEN STATUS		
			ACGIH		OSHA			IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	2426-08-6	Oxirane, (Butoxymethyl)- Common Name: Butyl glycidyl ether	25 ppm	NE	50 ppm	NE	Table Z1A TWA 25 ppm	NR	NR	NR
*	25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane Common Name: Bisphenol A diglycidyl ether polymer	NE	NE	NE	NE	NE	NR	NR	NR
*	9003-35-4	Phenol, polymer with formaldehyde Common Name: Phenol Novolac Resin	NE	NE	NE	NE	NE	NR	NR	NR

* = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION**Emergency Overview:** Combustible. Causes skin and eye irritation. May cause allergic skin reaction.**Primary Route(s) of Entry:** Dermal; heated product may produce inhalable vapors.

Effective Date: 9/29/04

4. FIRST AID MEASURES

Ingestion: If conscious, give 2 - 4 glasses of water to drink. Do not induce vomiting. Call a physician.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Inhalation: Remove to fresh air. Call a physician.

Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician.

Overexposure Effects: Causes skin and eye irritation. May cause allergic skin reaction.

Medical Conditions Aggravated by Exposure: Skin and eye conditions.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

5. FIRE FIGHTING MEASURES

Flash Point: 155°F (68 °C)

Flash Point Method Used: PMCC

Flammable Limits in Air (Lower - % by volume): Not established

Flammable Limits in Air (Upper - % by volume): Not established

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Fire Fighting Equipment: Use self-contained breathing apparatus.

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

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

7. HANDLING AND STORAGE

Signal Word: Warning!

Precautions: Combustible. Keep away from heat and flame. Can cause skin irritation, eye irritation, and allergic skin reaction. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin Protection: Wear impermeable gloves.

Effective Date: 9/29/04

Respiratory Protection: Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.

Eye Protection: Wear splash-proof chemical goggles.

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Opaque, Light Brown
Odor:	Slight Ethereal
Physical State:	Paste
Solubility in Water:	Insoluble
Vapor Pressure:	0.029 mm Hg at 25°C (77 °F)
Specific Gravity:	0.7 - 0.9 (water = 1)
Boiling Point:	Not Determined
Evaporation Rate:	Not Determined
Vapor Density:	Not Determined
pH:	Not Determined

Percent Volatile: Negligible.

10. STABILITY AND REACTIVITY

Conditions to Avoid: Excessive heat for prolonged periods of time.

Stability: Stable.

Incompatibility: Strong oxidizers, acids and bases.

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Sensitization: Possible in susceptible individuals.

Skin Irritation: Irritant.

Eye Irritation: Irritant.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

Effective Date: 9/29/04

14. TRANSPORT INFORMATION**DOT: Non-Bulk****Proper Shipping Name:** Resin compounds, N.O.I.**Department of Transportation:** Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous materials table.**15. REGULATORY INFORMATION****US Federal Regulations:****Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).**TSCA Section 8(b) - Inventory Status:** All chemical components of this product are in compliance with TSCA inventory requirements.**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:** The following is required composition information. This product contains the following chemical(s) which are currently listed on the California list of Known Carcinogens and Reproductive Toxins:Chemical Name: Quartz (SiO₂)

Common Name: Crystalline silica

CAS Number: 14808-60-7

Percent in Composition: 0.06 % by wt

Comment: Warning! This chemical is known to the State of California to cause cancer.

Chemical Name: Formaldehyde

Common Name: Formaldehyde

CAS Number: 50-00-0

Percent in Composition: 0.0001 % by wt

Comment: Warning! This chemical is known to the State of California to cause cancer.

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane

Common Name: Bisphenol A diglycidyl ether polymer

CAS Number: 25068-38-6

Comment: Not on Pennsylvania Hazardous Substance List

Effective Date: 9/29/04

Chemical Name: Phenol, polymer with formaldehyde
Common Name: Phenol Novolac Resin
CAS Number: 9003-35-4
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Rheological Additive
CAS Number: Confidential
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Oxirane, (Butoxymethyl)-
Common Name: Butyl glycidyl ether
CAS Number: 2426-08-6
Comment: Hazardous Substance

16. OTHER INFORMATION

MSDS No: 5716
Approved By: Dianne Blessing
Title: EH&S Specialist

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