

MATERIAL SAFETY DATA SHEET

Product Name: 60-W, Part A

Absolute Protective Coatings

SECTION 1: IDENTIFICATION

MANUFACTURER: Absolute Protective Coatings
ADDRESS: 1265 N Hendrickson Dr Kalama WA 98625
PHONE: 1 (360) 673-6404

Chemical Name Epoxy Resin
Common Name 60-W Part "A"
Chemical Family Modified Liquid Epoxy Resin

H.M.I.S. RATING	
Health	1
Flammability	1
Reactivity	0

SECTION 2: HAZARDOUS CHEMICALS

CHEMICAL NAME/CAS #	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Reaction products of Epichlorohydrin and Bisphenol A / 25085-99-8	>95	none established	none established	N/A
Alkyl Glycidyl Ether / 2210-79-9	<5	none established	none established	N/A

SECTION 3: HEALTH HAZARDS

EYES: May cause eye irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation. May cause skin sensitization.

SKIN ABSORPTION: A single prolonged skin exposure is not likely to result in absorption of harmful amount. The dermal LD50 is unknown.

INGESTION: Single dose oral LD50 is unknown. Single dose oral toxicity is expected to be low.

INHALATION: Vapors are unlikely due to physical properties. Not a problem unless heated to high temperatures.

ROUTES OF ENTRY: N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

SECTION 4: FIRST AID

EYES: Irrigate immediately with water for at least 15 minutes.

SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse. Use extra care with shoes.

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INGESTION: Induce vomiting if large amounts are ingested.

INHALATION: Remove to fresh air if effects occur. Consult medical.

NOTE TO PHYSICIANS: No specific antidotes. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT (method used)	FLAMMABILITY LIMITS	LEL	UEL
>200° F (93° C) (Pensky-Martin Closed Cup)	N/A	N/A	N/A

EXTINGUISHING MEDIA: Foam, CO2, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: SPECIAL FIRE FIGHTING EQUIPMENT: Wear positive pressure self-contained breathing apparatus during fire fighting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Under conditions of imperfect combustion and/or pyrolysis various phenolic compounds CO and/or CO2 may be evolved.

HAZARDOUS POLYMERIZATION: Will not occur by itself, but masses of more than one pound of product plus an aliphatic amine will cause irreversible polymerization with heat build up.

STABILITY (CONDITIONS TO AVOID): Excessive heating over long periods of time degrade resin. Freezing may cause temporary haziness.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up in non-reactive absorbent material or scrape up. The residue can be removed with hot, soapy water. Use of methylene chloride, acetone, or aromatic solvents in clean up poses a distinct hazard and therefor should be avoided.

SECTION 7: HANDLING AND STORAGE

N/A

SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

RESPIRATORY PROTECTION: N/A

VENTILATION: LOCAL EXHAUST: Good room ventilation usually adequate for most operations.

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PROTECTIVE GLOVES: see below

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Clean, body covering clothing. In addition, rubber gloves, boots, aprons, gauntlets, and full face shield depending on the extent and severity of exposure likely.

OTHER ENGINEERING CONTROL: N/A

WORK PRACTICES: Practice caution and good personal cleanliness to avoid skin and eye contact. Avoid breathing vapors of heated material.

HYGIENIC PRACTICES: N/A

SECTION 9: TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT N/A

SPECIFIC GRAVITY (H₂O=1)1.12-1.14

VAPOR PRESSURE (mmHG) N/A

PERCENT NONVOLATILE BY VOLUME (100%)

VAPOR DENSITY (AIR=1)N/A

EVAPORATION RATE N/A

SOLUBILITY: N/A

APPEARANCE AND ODOR: Liquid of low viscosity, color varies with pigment, epoxy odor

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITIES: Strong oxidizing agents and nitrates.

SECTION 11: TOXICOLOGICAL PROPERTIES

N/A

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Burn in adequate incinerator or bury in approved landfill.

SECTION 14: TRANSPORT INFORMATION

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D.O.T. Shipping Name: Not regulated by D.O.T.

SECTION 15: REGULATORY INFORMATION

Status on Substance Lists: The concentrations shown in this document are maximum or ceiling levels (expressed in weight %, unless otherwise specified) to be used for regulations. Trade Secrets are indicated by "TS".

FEDERAL EPA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT OF 1980 (CERCLA):

Requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

There are no components present in this product at level which could require reporting under the statute.

SUPERFUND AMENDMENTS and REAUTHORIZATION ACT of 1986 (SARA) TITLE III:

Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40 CFR 355.

There are no components present in this product at level which could require reporting under the statute.

Sections 311-312 require products be reviewed and applicable EPA Hazard Definitions be identified and made known.

There are no components present in this product at level which could require reporting under the statute.

Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material.

There are no components present in this product at level which could require reporting under the statute.

If you are unsure if you must report more information, call the EPA Emergency Planning and Right-To-Know Hot Line: 800-535-0202 or 202-479-2449.

TOXIC SUBSTANCES CONTROL ACT (TSCA): The components of this product are contained on the chemical substance inventory list.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained herein is based on data believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable regarding all current regulations.