

MSDS

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29CFR 1910.1200)

HMS CODES: H-1 F-1 R-0

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME : SURFTOP (Part A)		PRODUCT TYPE: Epoxy Resin DOT CLASS Non-Hazardous - Epoxy Resin	
MANUFACTURED FOR: DYNACCO, INC. PO BOX 27 17461 - 147 TH ST. S.E. MONROE, WA 98272		INFORMATION PHONE: 360-794-8974 24-HOUR EMERGENCY: CHEM-TEL (800) 255-3924	
		DATE PREPARED: January 26, 2007	

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	>70	none established	none established	none established
Cresyl Glycidyl Ether / 2210-79-9	<30	none established	none established	

CARCINOGENIC INGREDIENTS: 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: No guide for control established. Single exposure to vapors is not likely to be hazardous.

ROUTES OF ENTRY: N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

SECTION 4: FIRST AID

EYES: Irrigate immediately with water for at least 5 minutes.

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

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.

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 therefore 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.

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 (360° F) 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: Clear, light yellow, or pigmented. Faint epoxy odor.

SECTION 10: STABILITY AND REACTIVITY

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

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

N/A

SECTION 15: REGULATORY INFORMATION

N/A

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.