
Manufacturer: Finnaren and Haley, Inc.
901 Washington St.
Conshohocken, PA 19428

Information Phone: 610-825-1900
Emergency Phone : 800-424-9300
CHEMTREC Phone : 800-424-9300

Section I - Product Identification

Product Class : WATER BASE COATING
Trade Name : ACRYLIC GL POLYURETHANE (N)BSE
Product Code : 675005
C.A.S. Number : MIXTURE

HMIS Hazard ratings: Health - 1
None --> Extreme Fire - 0
0 --> 4 Reactivity - 0
Personal Protection - I

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS#	Weight%	--Exposure Limits--				VP mm HG
			ACGIH/TLV	OSHA/PEL			
ESTER ALCOHOL	25265-77-4	1 - 5%	NG other	NG Other		1.00@ 87C	
DIETHYLENE GLYCOL MONOMETHYL ETHER	111-77-3	1 - 5%	NG other	NG Other		0.10@ 20C	

*** All ingredients in this product are listed in the T.S.C.A. inventory. See Section X for SARA Reportable Items. This product contains ingredients considered to be trade secrets by the manufacturer. This MSDS does, however, disclose all necessary information needed to handle and use the product safely.

SECTION III - PHYSICAL DATA

Boiling Range: 82.00 -471.00 F
Vapor Density: Heavier than air
Evaporation Rate: Slower than ether
Liquid Density: Heavier than water
Volatiles: Volume% 66.825 Weight% 63.260
Weight per Gallon: 8.783 pounds Specific Gravity: 1.05438

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: None FLASH POINT: N/A LEL: 0.62% UEL: 25.00%

EXTINGUISHING MEDIA:

THIS PRODUCT IS NOT A HAZARD AS SUPPLIED. AFTER WATER HAS EVAPORATED, THE REMAINING SOLIDS CAN BURN. USE WATER SPRAY OR GENERAL PURPOSE FOAMS FOR LARGE FIRES. FOR SMALL FIRES USE DRY CHEMICAL OR CO2 EXTINGUISHERS.

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES IN ENCLOSED AREAS OR WHEN EXPOSURE TO SMOKE AND GASES COULD OCCUR. USE WATER TO COOL CONTAINERS STORED IN VICINITY OF FIRE TO PREVENT PRESSURE BUILD UP.

UNUSUAL FIRE & EXPLOSION HAZARDS:

PRODUCT MAY SPATTER IF TEMPERATURE OF LIQUID EXCEEDS THE BOILING POINT OF WATER. IF SOLIDS IGNITE, TOXIC AND IRRITATING GASES MAY BE EMITTED.

SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

SECTION V - HEALTH HAZARD DATA

SEE SECTION II.

EFFECTS OF OVEREXPOSURE:

EYES: DIRECT CONTACT CAN CAUSE IRRITATION. PROLONGED CONTACT CAN CAUSE INJURY. SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION AND DERMATITIS. BREATHING: IRRITATION OF RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, DROWSINESS, HEADACHE, OR NAUSEA. SWALLOWING: GASTROINTESTINAL DISTRESS.

FIRST AID:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER LIFTING EYELIDS OCCASIONALLY; GET PROMPT MEDICAL ATTENTION. SKIN: WASH THOROUGHLY WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING PROMPTLY; WASH CLOTHING BEFORE REUSE. SWALLOWING: DO NOT INDUCE VOMITING! OBTAIN MEDICAL ATTENTION IMMEDIATELY. BREATHING: REMOVE TO FRESH AIR IF AFFECTED BY VAPOR OR SPRAY MIST. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION VI - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will Not Occur

INCOMPATIBILITY:

AVOID CONTACT WITH STRONG OXIDIZERS (E.G. NITRIC ACID)

CONDITIONS TO AVOID:

KEEP AWAY FROM ELEVATED TEMPERATURES.

HAZARDOUS DECOMPOSITION PRODUCTS:

MAY FORM CARBON MONOXIDE AND DIOXIDE, VARIOUS HYDROCARBONS, ETC.

May generate sulfur dioxide

May generate formaldehyde vapors when exposed to temperatures above 302 deg.F in the presence of air.

Formaldehyde is a potential cancer hazard, causes irritation and sensitization of the skin and respiratory system.

Causes eye and throat irritation and is actually toxic.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CONTAIN SPILL, THEN ABSORB AND REMOVE WITH INERT ABSORBENT. LIQUID MATERIAL IS VERY SLIPPERY. CLEAN SPILL AREA AND EQUIPMENT THOROUGHLY WITH SOAP AND WATER BEFORE PRODUCT DRIES.

WASTE DISPOSAL METHOD:

DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

KEEP ENVIRONMENTAL CONCENTRATIONS BELOW TLV. IF NECESSARY, USE NIOSH/MSHA APPROVED RESPIRATORS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:

PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO MAINTAIN EXPOSURE BELOW TLV.

PROTECTIVE GLOVES:

GLOVES IMPERVIOUS TO SOAPY WATER AND MILD SOLVENTS ARE RECOMMENDED.

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED. OSHA REGS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.)

OTHER PROTECTIVE EQUIPMENT:

NONE.

SECTION IX - SPECIAL PRECAUTIONS

=====

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE BELOW 100 DEG.F. KEEP FROM FREEZING. OBSERVE LABEL PRECAUTIONS.

OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

=====

SECTION X - ADDITIONAL REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the
Emergency Planning and community Right to Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	Weight%
111-77-3	DIETHYLENE GLYCOL MONOMETHYL ETHER	4.56

=====

SECTION XI - MISCELLANEOUS

ABBREVIATIONS:

NE=NOT EVALUATED NA=NOT APPLICABLE NG=NOT GIVEN

OTHER INFORMATION:

THE MANUFACTURER BELIEVES THAT THE INFORMATION CONTAINED IN THIS MSDS IS CORRECT AS OF THIS DATE. HOWEVER, BECAUSE THE
MATERIAL MAY BE USED UNDER CONDITIONS OVER WHICH THE MANUFACTURER HAS NO CONTROL OR IN WAYS WE CANNOT ANTICIPATE, WE
GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION AND ASSUME NO RESPONSIBILITY FOR ANY
DAMAGE TO PERSON, PROPERTY OR BUSINESS ARISING FROM SUCH USE. MOREOVER, IT IS THE RESPONSIBILITY OF THE PURCHASER OR
USER OF THIS MATERIAL TO ENSURE THAT IT IS PROPERLY AND SAFELY USED.