

Material Safety Data Sheet

MAGNACRYL 2808

MSDS No.1270

Date of Preparation: 01/01/02

Revision: 01/01/02

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Magnacryl 2808

General Use: Ultra Violet Curable Adhesive

Manufacturer: Beacon Chemical Company., Inc. 125 South MacQuesten Parkway Mount Vernon, NY 10550

Phone: (914-699-3400) Fax: (914-699-2783) Hours 9 of 5 Operation

Chemtrec Emergency Phone (800) 424-9300

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%wt or %vol
MONO ACRYLATE MONOMER BLEND	TRADE SECRET	<50 %
ACRYLATED URETHANE OLIGOMER	TRADE SECRET	<30%

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
MONO ACRYLATE MONOMER BLEND	none estab.	none estab.	None estab.	none estab.	none estab.	none estab.	none estab.
ACRYLATED URETHANE OLIGOMER	none estab.	none estab.	None estab.	none estab.	none estab.	none estab.	none estab.

Section 3 - Hazards Identification

Emergency Overview

HMIS
H 2
F 0
R 2

Potential Health Effects

Inhalation: Irritating to the bronchi and lower respiratory tract.

Eye: Causes severe irritation. The severity of the reaction depends on duration of exposure and first aid procedures administered.

Skin: Contact with skin may result in severe irritation. Contact can cause hypersensitivity (i.e., Allergic reactions) reactions in susceptible individuals. Note: Effects can be delayed 24 to 48 hours.

Medical Conditions Aggravated by Long-Term Exposure:

Section 4 - First Aid Measures

Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Eye Contact: Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.

Skin Contact: Wash affected areas with running water while removing contaminated clothing. Get immediate medical attention. Launder contaminated clothing before reuse.

Ingestion: If swallowed, Do Not Induce Vomiting. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physician: Treatment should be directed at preventing absorption, administering to the symptoms as they occur, and providing supportive therapy.

Section 5 - Fire-Fighting Measures

Autoignition Temperature: Not established.

Flammability Classification: 0

Extinguishing Media: Small fires: Use water (spray, fog, or, in some instances, stream), foam, dry chemical, or Carbon Dioxide.

Large Fires: Use water (spray or stream) or standard foam.

Hazardous Combustion Products: May be toxic.

Unusual Fire or Explosion Hazards: When exposed to flames or high temperatures encountered during fire conditions, sealed containers may rupture because of the build up of internal pressure. Cool containers with water. Decomposition and combustion products may be toxic.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA (Superfund). Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean-up.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Section 7 - Handling and Storage

Handling Precautions: Wear appropriate protective equipment when handling material.

Storage Requirements: Store in cool, Dry, well ventilated area.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Boiling Point: Greater than 200 F

Appearance and Odor: Clear liquid, N/A

Freezing: 80 C

Vapor Pressure:(mm Hg 25 Degrees C) : 0.03

Section 10 - Stability and Reactivity

Stability: Magnacryl 2808 is stable at room temperature in closed containers under normal storage and handling conditions.

Conditions & Materials to avoid:

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Strong oxidizing or reducing agents, strong acids and bases.

Conditions to Avoid: Heat, ultraviolet light and/or sunlight.

Hazardous Decomposition Products: Thermal oxidative decomposition of Magnacryl 2808 can produce toxic products.

Section 11- Toxicological Information**Toxicity Data:***

TOXIC EFFECTS: Eye and skin contact can cause moderate to severe eye irritation, and possibly burns. Skin irritation may not develop immediately following exposure. Skin sensitization can also occur. Mists can irritate the upper respiratory tract.

ACUTE TOXICITY STUDIES:
Oral -Rat LD50: 1860 mg/Kg

Section 12 - Ecological Information

Ecotoxicity: N/A

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Disposal Regulatory Requirements: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority. For further information, contact state or local waste agencies or the USEPA RCRA hot line at 1-800-424-9346.

Container Cleaning and Disposal: Dispose of in a licensed facility. Recommended crushing or other means to prevent unauthorized use.

Section 14 - Transport Information**DOT Transportation Data (49 CFR 172.101):**

Shipping Name: Adhesive
Shipping Symbols: Not
Regulated

Hazard Class: None
Packing Group: II

Section 15 - Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA)

The chemical components of this product are contained on the section 8 (B) Chemical Substance Inventory List (40 CFR 710).

SARA TITLE 111 INFORMATION

SECTION 313 - TOXIC CHEMICALS

Pursuant to section 313 of Sara Title 111, this product does not contain a toxic chemical in excess of 1% of the mixture (0.1 percent, if the listed toxic chemical is a carcinogen).

SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES

Pursuant to section 302 of Sara Title 111, This product does not contain an extremely hazardous substance.

SECTION 311/312 - HAZARDOUS CATEGORIES

Pursuant to section 311/312 of Sara Title 111, The physical and health hazard categories for this product are identified below.

FIRE HAZARD: NO

SUDDEN RELEASE OF PRESSURE: NO

REACTIVITY HAZARD: YES

IMMEDIATE (ACUTE) HEALTH HAZARD: YES

DELAYED (CHRONIC) HEALTH HAZARD: YES

Section 16 - Other Information

Prepared By: Pete Ryan

Revision Notes:

Additional Hazard Rating Systems:

HMIS	Health:	Fire:	Reactivity:	Special:
NA	2	0	2	

California Proposition 65: This product is not known to contain any substance(s) known to the state of California to cause cancer or reproductive harm.

Disclaimer: The information accumulated herein is based on data which Beacon Chemical Co., Inc. considers to be accurate; provided however, that the company makes no warranty as to the accuracy of the data. Anyone intending to use the information contained herein shall assume sole and complete responsibility for the results of said use including loss or damage resulting from the handling of the material.