

SAFETY DATA SHEET
810 Acylic Polymer

1. Product and Company Identification

Product Code:	810-ACRYL-CON	
Product Name:	810 Acylic Polymer	
Company Name:	Key Resin Company	Phone Number:
	4050 Clough Woods Dr.	+1 (513)943-4225
	Batavia, OH 45103	
Emergency Contact:	Chemtrec (USA)	(800)424-9300
	Chemtrec (International)	+1 (703)527-3887
Intended Use:	Industrial floor coatings.	

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2B

GHS Hazard Phrases: H316 - Causes mild skin irritation.
H320 - Causes eye irritation.
H335 - May cause respiratory irritation.

GHS Precaution Phrases: P281 - Use personal protective equipment as required.
P261 - Avoid breathing mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P273 - Avoid release to the environment.
P264 - Wash hands thoroughly after handling.

GHS Response Phrases: P332+313 - If skin irritation occurs, get medical advice/attention.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical advice/attention.
P304+341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P311 - Call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to local, state, and federal authority requirements.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): May be a slight respiratory irritant. May cause slight eye irritation. May cause slight skin irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation. May cause headaches and dizziness.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed and enters airways.

Medical Conditions Generally Aggravated By Exposure: Skin disorders, Respiratory disorders, Eye disorders, Skin Allergies.

Aggravated By Exposure:

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
NA	Acrylic Polymer	50 - 80 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If experiencing respiratory symptoms: Get medical attention immediately.

In Case of Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.

In Case of Eye Contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately. For further assistance, contact your local Poison Control Center.

Signs and Symptoms Of Exposure: Mild irritation effect.

5. Fire Fighting Measures

Flash Pt: NA Method Used: Not Applicable

Explosive Limits: LEL: NE UEL: NE

Autoignition Pt: No data.

Suitable Extinguishing Media: Will not support combustion.

Unsuitable Extinguishing Media: Will not support combustion.

Fire Fighting Instructions: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool unopened containers.

Flammable Properties and Hazards: Product will not support combustion as supplied. Product is not considered a fire hazard. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas.

Steps To Be Taken In Case Material Is Released Or Spilled: PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL.
Evacuate area. Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate the area.

7. Handling and Storage

Precautions To Be Taken in Handling: Provide adequate ventilation. Do not get in eyes, on skin or on clothing.

Precautions To Be Taken in Storing: Keep from freezing. Keep container closed when not in use.

Other Precautions: Read product SDS and all labels before use.

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8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Acrylic Polymer	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Normally when good engineering controls are used, no respiratory protection is needed. However, if cured product is abraded by sanding or grinding use a NIOSH approved air-purifying respirator. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Eye Protection:	Safety glasses, or goggles.
Protective Gloves:	Nitrile rubber and Neoprene are recommended.
Other Protective Clothing:	Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.
Engineering Controls (Ventilation etc.):	Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.
Work/Hygienic/Maintenance Practices:	Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.
Environmental Exposure Controls:	Avoid release to the environment. Avoid runoff into storm sewers and ditches which lead to waterways.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Milky. Faint.
Melting Point:	No data.
Boiling Point:	212.00 F (100.0 C)
Autoignition Pt:	No data.
Flash Pt:	NA Method Used: Not Applicable
Explosive Limits:	LEL: NE UEL: NE
Specific Gravity (Water = 1):	1.0276 - 1.0396
Density:	~ 8.57 - 8.67
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Evaporation Rate:	NE
Solubility in Water:	Soluble
Solubility Notes:	Water soluble.
Saturated Vapor Concentration:	NE
Percent Volatile:	~ 60 % by weight.

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10. Stability and Reactivity

Reactivity: Moisture reactive substances.
Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Keep from freezing.
Incompatibility - Materials To Avoid: Strong oxidizing agents.
Hazardous Decomposition Or Byproducts: acrylic monomers.
Possibility of Hazardous Polymerization: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: Will Not occur.

11. Toxicological Information

Toxicological Information: Product not considered to be a toxic mixture.
Irritation or Corrosion: May cause skin, eye, and respiratory irritation.
Symptoms related to Toxicological Characteristics: No data available.
Chronic Toxicological Effects: No data available.

12. Ecological Information

General Ecological Information: Do not empty into drains. Avoid release to the environment.
Results of PBT and vPvB assessment: No data available.
Persistence and Degradability: No data available.
Bioaccumulative Potential: not reported, unknown.
Mobility in Soil: not reported, unknown.

13. Disposal Considerations

Waste Disposal Method: Incinerate or dispose of unused material, residues and containers in a licensed facility in accordance with all applicable local, state and federal regulations. Do not discharge substance/product into sewage system.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:
Precautionary Label: May cause skin, eye, and respiratory irritation. Always read Safety Material Data Sheet before use.

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MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Acrylic Polymer	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

16. Other Information

Revision Date: 02/15/2016

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	X

HMIS:

Additional Information About This Product: CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED
 NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

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