

MATERIAL SAFETY DATA SHEET

Date Prepared: 03/15/2000

MSDS No: 014

Dynathane

1. Chemical Product and Company Identification

Product Identifier: Dynathane
Manufacturer

Neyra Industries, Inc.
10700 Evendale Drive
Cincinnati, OH 45241

Emergency Telephone Numbers
CHEMTREC (800) 424-9300 24 hours
Emergency Contact Customer Service
Emergency Phone:
1-800-543-7077

2. Composition/Information on Ingredients

COMPONENT	CAS#	% BY WT	TLV
Acrylic Copolymer Emulsion	T. S.	< 50	N/D*
Urethane Emulsion	T. S.	< 25	N/D*

T.S.= Trade Secret * N/D = Not Determined

3. Hazards Identification

Emergency Overview

Immediate concerns: No conditions are known to be aggravated by exposure.
This material has not been tested in long term chronic exposure tests.

Potential Health Effects

Eyes: May cause slight irritation.

Skin: Substance may cause slight skin irritation.

Ingestion: May cause vomiting.

Inhalation: Harmful effects not expected.

Signs and Symptoms of Overexposure

Eyes: Causes eye irritation.

Skin: May cause skin irritation.

Ingestion: Substance may be harmful if swallowed.

Inhalation: High gas, vapor, mist or dust concentrations may be harmful if inhaled.

Acute Effects: Not Established

4. First Aid Measures

Eyes: Flush eye with water for 15 minutes. Get medical attention.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get medical attention immediately.

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

Antidotes: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Comments: Not Established

Flashpoint and Method: None

Comments: Not Established

Autoignition Temperature: None

Comments: None

Hazardous Combustion Products: Not Established

Other Considerations: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS,

STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE

INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

General Hazard: This material is a water based emulsion. It does not support combustion

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Flammable Class: None

Flame Propagation or Burning Rate of Solids: Not yet Determined
Fire Explosion: None

Fire Fighting Procedures: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Water cool sealed containers in area of fire to prevent rupture due to steam generation.

Explosion Hazards: None

Extinguishing Media: Use water fog, carbon dioxide, foam, or dry chemical to extinguish the fire.

Sensitive Static Discharge: Not Established
Sensitivity to Impact: None

6. Accidental Release Measures

Small Spill: Absorb spill with suitable material. In soil, recover the spilled material, put in closed containers for disposal. Dispose in a safe manner in accordance with local, state and federal regulations. On water, stop the leak and prevent it from spreading. Notify the proper authorities. Avoid runoff into storm sewers and ditches which lead to waterways. Do not flush to sewer.

Large Spill: For large spills, dike the area and pump into closed containers. Prevent this material from entering waterways.

Special Protective Equipment: Wear protective clothing during cleanup.

General Procedures: Keep spectators away from spill. Surface may be slippery, use care to avoid falling.

7. Handling and Storage

Handling: Wash thoroughly after handling.

Loading Temperature: Not Determined

Storage Temperature: 32 degrees F to 150 degrees F

Comments: Keep from freezing.

Loading/Unloading Viscosity: Not Determined

Storage Pressure: Not Determined

General Procedures: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

Electrostatic Accumulation Hazard: None

8. Exposure Controls/Personal Protection

Eyes and Face: Wear safety glasses with side shields (or goggles) and a face shield.

Protective Clothing: Long sleeve shirts and pants are recommended while using this product.

Skin: Rubber gloves are recommended while handling this product

Respiratory: Good general ventilation should be sufficient to control airborne levels.

9. Physical and Chemical Properties

Physical State: Liquid

Appearance: White, black or various colors

Color: Dries clear, black or various colors

Vapor Pressure: None

Freezing Point: 32 degrees F

Melting Point: Not Available

Boiling Point: 212 degrees F

pH: 7.0 to 10.0

Evaporation Rate: <1

Density: 8.80 at 77 degrees F

Odor: Sweet scent of latex with slight ammonia odor.

Percent Volatile: 50

Specific Gravity: 1.06

Viscosity: Not Available

Vapor Density: Heavier

Water Solubility: Completely Miscible

10. Stability and Reactivity

Stable: Yes

Hazardous Polymer: No

Stability: Stable.

Polymerization: None.

Conditions to Avoid:

Incompatible Materials: This material will react violently with any material that reacts with water, such as concentrated sulfuric acid, sodium metal, calcium carbide, etc.

Hazardous Decomposition: Stable. However, may decompose if heated. When the dried material burns, steam, carbon dioxide, carbon monoxide, and other toxic fumes may be emitted.

Notes: Avoid temperatures above 200 F (93 C)

11. Toxicological Information

Not Determined.

12. Ecological Information

Environmental Data: None

13. Disposal Considerations

Disposal Method: This material is not hazardous waste in dry form according to TCLP results (EPA method 1311). If the material is in a liquid form, allow the water to evaporate.

Dispose of the dried material in a safe manner in accordance with federal, state, and local regulations. Do not dispose of by means of sinks, drains, or in the immediate environment.

Empty drums should be completely drained, properly bunged, and returned to a drum reconditioner. Drill a hole in the bottom of empty pails to prevent drowning of small children.

14. Transport Information

15. Regulatory Information

SARA Title III (Superfund Amendments and Reauthorization Act)
313 Reportable Ingredients: None

16. Other Information

Approval date: 05/17/2000

Approved by: Greg Houser Title: V. P. Manufacturing

Reason for Issue: New Format

Revision Summary: New MSDS

Information Contact: 1.800.543.7077

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HMIS CODES:	1	0	0	B		NFPA CODES:	1	0	0	-

(Health, Fire, Reactivity, Protection)

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