

Resi-Chem Clear (Types 1 & 1D, Class B)

MSDS No. 81310

HMIS

1

0

Н - 1

F

R

PPE[†] †Sec. 8

Date of Creation: 12/20/1999 Date of Update: 01/23/2001 Revision: 13 Date Printed: 01/24/2001

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Resi-Chem Clear (Types 1 & 1D, Class B)

Chemical Formula: N/A CAS Number: N/A **Other Designations:** N/A

Manufacturer: Symons Corporation Phone: (847) 298-3200 200 East Touhy Avenue Fax: (847) 635-9287

Des Plaines, IL 60017-5018

EMERGENCY TELEPHONE NUMBER: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S, Canada, or the U.S. Virgin Islands, call CHEMTREC at 1-800-424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

রিরারার Emergency Overview রারারারার

Symons Resi-Chem Clear (Types 1 & 1D, Class B):

- Is non-combustible
- Is a creamy white liquid
- Has a mild aromatic odor

Section 2 - Composition / Information on Ingredients

| Ingredient Name | CAS Number | % wt |
|-----------------|-------------|------|
| Solvent Naphtha | 064742-88-7 | |
| | | |

| | | | OSHA | | | | | | NIOSH | | | | | | AC(| | | Canada | | | | | | Ξ | |
|-----------------|--------|-------|----------|-------|-----|-------|-----|-------|-------|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|-------|-----|-------|----------|-------------------|--------|
| Chemical Name | TWA ST | | EL Ceil. | | il. | TWA | | STEL | | Ceil. | | TWA | | STEL | | Ceil. | | TWA | | STEL | | Ceil. | | DLI | |
| | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | mdd | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ | mdd | mg/m ³ | NIOSHI |
| Solvent naphtha | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solvent naphtna | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | |

Section 3 - Physical and Chemical Properties

Physical Appearance: Creamy white liquid. Water Solubility: Soluble Odor: Mild aromatic odor. **Other Solubilities:** None Known **Boiling Point:** >220 °F (104 °C) **Vapor Pressure:** >2.0 mm Hg

Vapor Density (Air=1): >1.0 Freezing/Melting Point: Not Determined

Specific Gravity (H₂O=1, at $4 \,^{\circ}$ C): 1.0 % Volatile: 338 g/L **Evaporation Rate:** >9.5 pH: Not Determined

Section 4 - Fire-Fighting Measures

Flash Point: 230 °F (110° C)

Flash Point Method: TCC

Autoignition Temperature: Not Determined **LEL:** Not Determined

UEL: Not Determined Flammability Classification: Non-Combustible Extinguishing Media: Water, foam, fog, or spray.

Unusual Fire or Explosion Hazards: This emulsified product will burn if water additive is boiled off. Polymer films are

capable of burning, giving off oxides of carbon. Hazardous Combustion Products: None Known

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

NFPA

0

Revision: 13

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 5 - Stability and Reactivity

Stability: Resi-Chem Clear (Types 1 & 1D, Class B) is stable at room temperature in closed containers under normal storage and

handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Strong acids.

Conditions to Avoid: NA

Hazardous Decomposition Products: None Known

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Inhalation, skin.

Target Organs: None Known

Acute Effects

Inhalation: Breathing mist can cause irritation of nasal and respiratory passages, weakness, nausea, and headache.

Eye: May cause irritation.

Skin: Prolonged contact with product that has been allowed to dry may result in moderate irritation.

Ingestion: Relatively non-toxic, but may cause gastrointestinal irritation.

Carcinogenicity: IARC, NTP, and OSHA do not list Resi-Chem Clear (Types 1 & 1D, Class B) as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects: Eye irritation may occur, nausea, dizziness, and moderate irritation of the skin.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Call a physician.

Eye Contact: Flush with water for 20 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation

persists

Skin Contact: Wash thoroughly with soap and water. If irritation persists, consult a physician.

Ingestion: If a large amount is swallowed get immediate medical attention.

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

Note to Physicians: None Known

Special Precautions/Procedures: None Known

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures

Small Spills: Contain in earthen dike. Recover free liquid. Flush area with water and allow surface to dry.

Large Spills

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

Cleanup: Contain in earthen dike. Recover free liquid. Flush area with water and allow surface to dry.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

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

Disposal Regulatory Requirements: Follow applicable federal, state, and local regulations.

Container Cleaning and Disposal: Containers must be professionally cleaned prior to reuse.

EPA/OSHA/State Regulations:

RCRA Hazardous Waste Number (40 CFR 261.33): None

Revision: 13 Resi-Chem Clear (Types 1 & 1D, Class B)

MSDS No. 81310

State Regulations: Consult individual state agency for further information.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/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 - Special Precautions and Comments

Handling Precautions: Use only in well ventilated areas.

Storage Requirements: Protect from freezing.

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not a Regulated

Material

Shipping Symbols: N/A Hazard Class: Non-Hazardous

ID No.: N/A

Packing Group: N/A

064742-88-7

Label: N/A

Special Provisions (172.102):

N/A

Packaging Authorizations

a) Exceptions: N/A

b) Non-bulk Packaging: N/A

c) Bulk Packaging: N/A

National Motor Freight NMF-100-0: Concrete Surface

Curing Compound **Item:** 33980 **Class:** 55 **Ouantity Limitations**

a) Passenger, Aircraft, or Railcar: N/A

b) Cargo Aircraft Only: N/A

Vessel Stowage Requirements

a) Vessel Stowage: N/A

b) Other: N/A

Revision: 13

Prepared By: Matthew D. Paquette **Updated By:** Matthew D. Paquette

Disclaimer: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof.

Abbreviations:

N/A = not applicable

ND = not determined

IDLH = Immediately Dangerous to Life and Health (in ppm unless otherwise noted)

X = Hazardous Air Pollutant (42 U.S.C. 7412(b)(1)

O = Organic Hazardous Air Pollutant (40 CFR 63 Table 2 to Subpart F)

V = Volatile Hazardous Air Pollutant (40 CFR 63 Table 2 to Subpart JJ)

CAA = Clean Air Act

CWA = Clean Water Act

HAP = Hazardous Air Pollutant

RCRA = Resource Conservation and Recovery Act

RQ = Reportable Quantity, in pounds

TQ = Threshold Quantity, in pounds

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980

UVCB = Unknown or Variable Composition, complex reaction products, and Biological materials.

E = A substance that is the subject of a 5(e) Consent Order under TSCA

F = A substance that is the subject of a Section 5(f) Rule under TSCA

N = A polymeric substance containing no free-radical initiator in its Inventory Name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P = A commenced PMN substance

R = A substance that is the subject of a Section 6 risk management rule under TSCA

S = A substance that is identified in a proposed or final Significant New Use Rule

T = A substance that is the subject of a Section 4 test rule under TSCA

XU = A substance exempt from reporting under the Inventory Update Rule.

Y1 = an exempt polymer that has a number-average molecular weight of 1,000 or greater

Y2 = an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.