



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: WESTCO HRT 95M RESIN

Other means of identification

Chemical Name: Aromatic Modified Aliphatic Hydrocarbon Resin

Recommended Use: Tackifier resin

Recommended Restrictions: None known.

Supplier information:

Supplier: Western Reserve Chemicals

Supplier Address: 60 S. Seiberling Street
Akron, OH 44305

Telephone: 330-650-2244

Website: www.wrchem.com

Emergency phone number: Chemtrec: 1-800-424-9300 US

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS):

Combustible Dust

GHS Label Elements:

Hazard symbol: None

Signal word: Warning

Hazard Statements: May form combustible dust concentrations in air.

Precautionary Statements: None

Hazard(s) not otherwise classified (HNOC):

Electrostatic discharge. Product can accumulate electrostatic charges that may cause fire by electrical discharges.

Supplemental information: None



SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Polymer

<u>Components Chemical Identity</u>	<u>CAS Number</u>
Aromatic Modified Aliphatic Hydrocarbon Resin	64742-16-1

SECTION 4 – FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention. If molten material contacts the eye, immediately flush with plenty of water. Get medical attention immediately.

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing.

Skin contact: Wash skin with plenty of soap and water. If irritation persists, consult a physician. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with clean, cold water. See a physician for removal of adhering material and treatment of burn. Get medical attention.

Ingestion: Rinse mouth out with water. Seek medical advice if you feel unwell. Do not induce vomiting.

Most important symptoms/effects, acute and delayed:

Dust or particulates may cause mild respiratory tract and eye irritation.
Contact with hot material-Burns should be treated as thermal burns.

Indication of immediate medical attention and special treatment needed:

Contact with molten substance/product may cause severe burns to skin and eyes.
Provide general supportive measures and treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: Water spray or fog, dry powder, carbon dioxide (CO₂).

Unsuitable extinguishing method: Do not use high-pressure water streams.

Specific hazards arising from chemical:

Handling this material may create combustible dust which may be hazardous when finely divided and suspended in air. Combustible dust clouds can explode with destructive forces if ignited. Combustible dust clouds can be ignited by all common ignition sources including static electricity. Follow recognized grounding and bonding procedures. Keep away from heat, hot surfaces, sparks and open flame. Use with adequate ventilation. Minimize dust accumulation on surfaces.



Combustion Products: Oxides of carbon, toxic fumes.

Special firefighting equipment and precautions for firefighters: Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Firefighting equipment/instructions: Use water spray or fog for cooling exposed containers. Minimize dust generation and accumulation. Prevent water from entering the environment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear appropriate personal protective equipment recommended in Section 8 of the SDS. Keep unnecessary people away, isolate hazard area and deny entry. Material creates a slipping hazard on hard surfaces.

Methods and materials for containment and cleaning up:

Avoid generating dust. Use non-sparking tools and equipment. Sweep up spilled material in appropriate container for disposal. Do not allow to enter into ground-water, surface water or drains.

Environmental precautions: Avoid release to the environment

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Good hygienic practices should be observed. Avoid contact with skin and eyes. Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Work clothes should be washed separately at the end of each work day. Keep away from sources of ignition. Ensure good ventilation at the workplace.

Conditions for safe storage, including any incompatibilities:

Store closed containers in a cool, dry, well-ventilated area. Keep away from sources of ignition. Do not store above the following temperature: 35°C (95°F)

Incompatibles: Oxidizing materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

ACGIH:	10 mg/m ³ TWA (inhalable particles, recommended);
	3 mg/m ³ TWA (respirable particles, recommended),
	related to Particulates not otherwise classified (PNOC))



Appropriate engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Ensure good ventilation at the work station.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety glasses when eye contact is possible. When handling product hot, wear splash resistant safety goggles with a face shield.

Skin protection:

Hand protection: Wear appropriate chemical resistant protective gloves.

Other protection: Wear appropriate skin covering clothing.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Granular, Yellow (Pale)
Odor:	Not available
Odor threshold:	Not available
Softening Point:	85-95°C
pH:	Not available
Initial Boiling Point/Range:	Not available
Flash Point:	>200°C (392°F)
Evaporation Rate:	Not available
Explosion Limits (LEL/UEL):	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Specific Gravity:	0.98 (Typical)
Molecular weight (GPC, Mw):	2000 (Typical)
Solubility (water):	Negligible
Partition Coefficient: (n-octanol/water)	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available
Minimum Explosive Concentration:	Not available
KSt-value (bar x m/s):	Not available
VOC:	Not available



SECTION 10 - STABILITY & REACTIVITY

Reactivity: No dangerous reactions known under normal handling conditions.

Chemical stability: Stable under use and storage conditions recommended in Section 7.

Possibility of hazardous reactions: Dust may form explosive mixture in air.

Conditions to avoid: Avoid the build-up electrostatic charge. High temperatures. Avoid direct sunlight, heat, flames, sparks and other sources of ignition. Avoid dust formation. Avoid contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure: Ingestion. Skin and eye contact.

Acute Toxicity:	Oral LD50 (Rat):	Not available
	Dermal LD50 (Rabbit):	Not available
	Inhalation LC50 (Rat):	Not available

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity-single exposure: Not classified

Specific target organ toxicity-repeated exposure: Not classified

Aspiration hazard: Not applicable



SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in compliance with federal, state and local regulations.

Disposal of Contaminated Packaging: Dispose of contents and container in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT Classification: Not DOT regulated.

IMDG (Transport by Sea): Not regulated.

IATA (Transport by Air): Not regulated.

SECTION 15 - REGULATORY INFORMATION

U.S. Federal:

EPA TSCA Status:

All components of this product are listed as Active or exempt from listing on the TSCA Inventory.

SARA Section 313:

This material does not contain any chemical components that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



SARA Section 311/312 Hazard Classes: Combustible dust

US California Prop 65: This product may contain CA Prop 65 substances at a concentration level below those required to be classified as hazardous by OSHA Hazard Communication Standard.

SECTION 16 - OTHER INFORMATION

Issue date: 3-7-2023

Version #: 01

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