



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco HRT/A Resins

Other means of identification:

Product Description: Proprietary Aliphatic Modified Aromatic Hydrocarbon Resin.
Synonyms: C5/C9 Hydrocarbon Resin; Petroleum Resin

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Its major usage is as a tackifier for hot melt adhesive, pressure sensitive adhesive, woodworking adhesive, etc.

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: Western Reserve Chemical Corporation
Address: 4837 Darrow Road
Stow, OH 44224
USA
General Phone Number: 330 650 2244
General Fax Number: 330 650 2255

Emergency phone number:

Emergency Phone Number: Chemtrec 1 800 424 9300 USA
Website: www.wrchem.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Class: Classification of the substance or mixture:
Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not classified
Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

Label elements:
Symbols/Pictograms: None
Signal word: None
Hazard Statements: Not applicable
Precautionary Statements: Not applicable

Other hazards: Thermal decomposition can lead to release of irritating or toxic gases/vapors: carbon oxides.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.
Potential Health Effects: Excess exposure can cause dizziness, headache, and nausea.
Eye: May cause watering, redness and stinging sensation.
Skin: May cause itching and redness. Prolonged or repeated skin contact may cause dermatitis.
Inhalation: May be irritating to the respiratory tract and mucous membranes.
Ingestion: May cause gastrointestinal irritation, diarrhea, nausea and vomiting.
Carcinogenicity: No information available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Ash		< = 1% by weight	
Petroleum resins	64742-16-1	> = 99% by weight	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Ingestion:	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
General advice	In case of accident or unwellness, seek medical advice immediately Most important symptoms and effects, both acute and delayed: No information available Indication of any immediate medical attention and special treatment needed: No information available.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media:	Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO ₂ , dry chemical, dry sand, alcohol-resistant foam.
Unsuitable extinguishing media:	No Information Provided.

Special protective equipment and precautions for fire-fighters:

Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and protective suit. Stay upwind. Ensure adequate ventilation, especially in confined areas. Move containers from fire area if you can do it without risk. Cool drums with water spray. Do not allow run-off from fire-fighting to enter drains or water courses. Evacuate personnel to safe areas

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions:	Use personal protection recommended in Section 8 Avoid contact with eyes and skin Ensure adequate ventilation, especially in confined areas Remove all sources of ignition Avoid breathing vapors or mists
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Environmental precautions:

Environmental Precautions:	Do not allow into any sewer, on the ground or into any body of water Prevent environmental discharge consistent with regulatory requirements Local authorities should be advised if significant spillages cannot be contained
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Methods and materials for containment and cleaning up:

Spill Cleanup Measures:	Sweep up and shovel into suitable containers for disposal Flush area with flooding quantities of water Avoid generation of dust
Reference to other sections	See Section 7 for more information See section 8 for more information See section 13 for more information

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice Use personal protective equipment as required Avoid contact with skin, eyes or clothing Wash thoroughly after handling Use only outdoors Use only in well-ventilated areas Do not eat, drink or smoke when using this product Avoid generation of dust
Hygiene Practices:	Follow good industrial hygiene practices when handling this material.

Conditions for safe storage, including any incompatibilities:

Storage:	Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place Keep away from heat, sparks, flame and other sources of ignition Keep away from clothing as well as other incompatible materials
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Specific end use(s):

Work Practices:	Safety showers and eye wash stations should be available.
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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations. Ventilation systems.

Individual protection measures:

Eye/Face Protection: Wear safety glasses (or goggles)

Skin Protection Description: Suitable protective clothing

Hand Protection Description: Wear protective gloves

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment

PPE Pictograms:



Environmental exposure controls Prevent product from entering drains

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid

Color: Light Yellow

Odor: Slight odor

Odor Threshold: Not Available

Boiling Point: Not Available

Melting Point: 90-160 deg C

Density: 1.05-1.1 g/cm³

Relative: Not available
Bulk: Not available

Specific Gravity: Not Available

Vapor Density: Not Available

Vapor Pressure: Not Applicable

Evaporation Rate: Not Applicable

pH: Not Applicable

Coefficient of Water/Oil Distribution: Not Available

Flash Point: Not Applicable

Auto Ignition Temperature: Not Available

Explosive Properties: Not an explosive

Oxidizing Properties: Not Available

9.2. Other information:

Notes : Flammability (solid, gas): Not available
Flammability Limit in Air: Not available
Other information: No information available

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).
Possibility of hazardous reactions: None under normal processing.

Chemical Stability:

Chemical Stability: Stable under normal conditions.

Conditions To Avoid:

Conditions to Avoid: Heat, flames and sparks
Other sources of ignition
Incompatible materials

Incompatible Materials:

Incompatible Materials: Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products:

Special Decomposition Products: Carbon monoxide
Carbon dioxide (CO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity: No information available.

Sensitization: No sensitization responses were observed.

Carcinogenicity: No information available.

Mutagenicity: No information.

Reproductive Toxicity: No information.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: No information available.

Persistence and degradability:

Biodegradation: No information available.

Bioaccumulative potential:

Bioaccumulation: No information available.

Mobility in soil:

Mobility In Environmental Media: Mobility in soil: No information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Waste treatment methods:
Waste from residues/unused products: Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not regulated

DOT Pictograms: 

IATA Shipping Name: Not regulated

IATA Pictograms: 

IMDG Shipping Name : Not regulated

ICAO Shipping Name: Not regulated

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: All components of this product are listed in the TSCA inventory of Chemicals Substances.

CERCLA Section 302: None found,

Section 313: None found,

California PROP 65: This product does not contain any substance known to cause cancer.

Risk Phrases: Not classified

Safety Phrase: Not classified

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: J

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Revision Date: August 27, 2015

Notes :

Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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