



## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

Product identifier used on the label:

**Product Name:** Westco 125 SP8C Terpene Phenolic Resin

Other means of identification:

**Product Description:** Terpene Phenolic Resin - Rosin Based Resins

Recommended use of the chemical and restrictions on use:

**Product Use/Restriction:** Chemical intermediate used for manufacture of industrial products.

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:** This product is not classified according to the Globally Harmonized System of Classification and Labeling of Chemicals.

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

**Route of Exposure:** Eyes. Skin. Inhalation. Ingestion.

**Potential Health Effects:** Contact may cause skin or eye irritation. Ingestion may cause nausea, vomiting, and diarrhea. Inhalation of dust may cause respiratory irritation. Prolonged or repeated exposure to vapors/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or breathing difficulty.

**Eye:** Dust/powder may irritate eye tissue. Rubbing may cause abrasion of the cornea. Symptoms may include irritation, redness, scratching of the cornea, and tearing. Vapors may also cause eye irritation. If heated product contacts the eye, thermal burns may result.

**Skin:** Prolonged or repeated skin contact may cause irritation. When it is heated, this product may cause thermal burns.

**Inhalation:** Inhalation of dusts may cause respiratory irritation. Inhalation of vapor/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing and difficulty breathing.

**Ingestion:** Ingestion of product may produce mild gastrointestinal disturbances.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Terpene Phenolic Resin	Proprietary	100% by weight	

### SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

**Eye Contact:** Immediately flush eyes with flooding amounts of cool, low pressure water for at least 15 minutes. If irritation persists, get medical attention. If hot/molten product contacts eye, flush with water for at least 15 minutes and seek medical attention immediately.

<b>Skin Contact:</b>	In case of skin contact, wash immediately with soap and water. If irritation develops or persists, get medical attention. If hot or molten product contacts skin, cool under running water. Do not attempt to remove the hot, molten or cooled product from the skin. Seek medical attention.
<b>Inhalation:</b>	Move person to non-contaminated air. If affected person is not breathing, apply artificial respiration. Seek medical attention.
<b>Ingestion:</b>	If swallowed, contact a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel.

Indication of immediate medical attention and special treatment needed:

<b>Note to Physicians:</b>	Provide general supportive measures and treat symptomatically. In case of ingestion, the decision of whether or not to induce vomiting should be made by the attending physician. If burn is present, treat as any thermal burn. Removing adhered product from burned skin may compromise the skin integrity and result in infection and/or more severe scarring.
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## SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

<b>Suitable Extinguishing Media:</b>	Carbon dioxide, dry chemical or water.
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Specific hazards arising from the chemical:

<b>Hazardous Combustion Byproducts:</b>	Smoke, carbon monoxide, carbon dioxide, and other products of combustion.
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Special protective equipment and precautions for fire-fighters:

<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Fire Fighting Instructions:</b>	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

<b>Personal Precautions:</b>	Persons not wearing appropriate protective equipment should be excluded from area of spill until clean-up has been completed. Avoid contact with skin and eyes. Avoid skin contact with molten resins. Avoid inhalation of dusts. Avoid inhalation of fumes from molten product.
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Methods and materials for containment and cleaning up:

<b>Methods for containment:</b>	Contain the discharged material. If airborne dust is generated, eliminate all sources of ignition that may come into contact with the dust.
<b>Methods for cleanup:</b>	Wear appropriate protective equipment and clothing during clean-up. Avoid generation of dust during clean-up. Wear an approved respirator if dust is generated above exposure limits. Attempt to reclaim free product if this is possible. Shovel material into appropriate container for disposal. Follow all Local, State, Federal regulations for disposal.

## SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

<b>Handling:</b>	Avoid eye and skin contact. Avoid breathing dusts from this material. Avoid breathing fumes if product is used at high temperatures. Maintain good housekeeping to prevent dust accumulation. Flaked or crushed material may cause a dust problem. If product is in dust form, it is classified as a dust explosion hazard class II. Handling of product in dust form should be in accordance with NFPA. If handling with flammable or combustible materials, the explosion hazard may increase. Avoid ignition sources such as sparks and flame. In addition, when emptying bags where flammable vapors may be present, blanket vessel with inert gas; assure proper grounding and pour material slowly into conductive grounded chutes. Do not reheat product packaged in light metal containers. The light metal containers will not safely support the movement or transfer of the product in a hot, molten form. Do not chisel drums in areas where flammable liquids are stored or used. Wash thoroughly after handling. 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.
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Conditions for safe storage, including any incompatibilities:

<b>Storage:</b>	Store at ambient temperature and atmospheric pressure. Guard against dust accumulation of this material. Flaked or crushed product may be prone to oxidation, therefore control inventory - use oldest material first. Suggest stainless steel construction For bulk storage.
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## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

#### EXPOSURE GUIDELINES:

##### Appropriate engineering controls:

**Engineering Controls:** Provide local exhaust and general ventilation systems to maintain airborne concentrations below OSHA, CGIH, and manufacturer recommended exposure limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source. Local exhaust ventilation is recommended when generating excessive levels of airborne dust or vapors from handling or thermal processing. Use electrically grounded, explosion-proof equipment for ventilation or any handling of this Product.

##### Individual protection measures:

##### **PPE Pictograms:**



## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

#### PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical State Appearance:</b>	Solid.
<b>Color:</b>	Yellow
<b>Odor:</b>	Slight
<b>Boiling Point:</b>	Not applicable.
<b>Melting Point:</b>	120-130 °C
<b>Density:</b>	>1
<b>Specific Gravity:</b>	Specific Gravity (25°C) Approximately 1.11
<b>Vapor Density:</b>	Not Available
<b>Percent Volatile:</b>	negligible
<b>Molecular Weight:</b>	Not available.
<b>Flash Point:</b>	>279°C.
<b>Flash Point Method:</b>	closed cup.
<b>Lower Flammable/Explosive Limit:</b>	Not available.
<b>Upper Flammable/Explosive Limit:</b>	Not available.
<b>Auto Ignition Temperature:</b>	Not available.

## SECTION 10 : STABILITY and REACTIVITY

#### Chemical Stability:

**Chemical Stability:** This product is stable under the recommended storage conditions.

#### Possibility of hazardous reactions:

**Hazardous Polymerization:** Hazardous polymerization will not occur.

#### Conditions To Avoid:

**Conditions to Avoid:** Avoid strong oxidizing agents. Avoid dispersion of dust in air. Avoid ignition sources where dust is produced.

#### Incompatible Materials:

**Incompatible Materials:** May react with strong oxidizing agents.

#### Hazardous Decomposition Products:

**Special Decomposition Products:** Smoke, carbon monoxide, carbon dioxide, and other products of combustion.

## SECTION 11 : TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION:

**Acute Toxicity:** No data is available for the product. however, information on a similar product is as follows: ORAL, rat, LD50 = > 5000 mg/kg when administered as a 75% w/w solution in corn oil; DERMAL, rat, LD50 = > 5000 mg/kg. A similar product was found to produce mild eye and skin irritation in rabbits. A similar product was non-mutagenic in the Ames Salmonella Assay.

**Eye:** Contact may cause skin or eye irritation.

**Inhalation:** Inhalation of dust may cause respiratory irritation. Prolonged or repeated exposure to vapors/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or breathing difficulty.

**Carcinogenicity:** None of this product's components are listed as carcinogens by ACGIH, IARC, NIOSH, NTP or OSHA.

## SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

**Ecotoxicity:**

This product does not exhibit immediate danger to the aquatic environment.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Description of waste:

**Waste Disposal:**

Dispose of waste material according to Local, State, Federal, Environmental Regulations.

**SECTION 14 : TRANSPORT INFORMATION**

**DOT Shipping Name:** Not a DOT controlled material. (United States)

**DOT Pictograms:**



**IATA Shipping Name:** Non regulated.

**IATA Pictograms:**



**IMDG Shipping Name :** Non regulated.

**ADR Shipping Name :** Non regulated.

**RID Shipping Name :** Non regulated.

**ICAO Shipping Name:** Non regulated.

**SECTION 15 : REGULATORY INFORMATION**

Safety, health and environmental regulations specific for the product:

**TSCA Inventory Status:** All of this product's components are listed.

**Section 302 EHS:** None of this product's components are listed

**CERCLA Section 302:** None of this product's components are listed;

**Section 311/312 Hazard Categories:** None

**Section 313:** None of this product's components are listed;

**OSHA Process Safety:** OSHA: Not hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**State Regulations:** None of this product's components are listed in CA, FL, MA, MN, NJ, or PA.

**California PROP 65:** This product does not contain any chemicals currently on the California List of Known Carcinogens and Reproductive Toxins.

**SECTION 16 : ADDITIONAL INFORMATION**

HMIS Ratings:

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

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>J</b>

**SDS Creation Date:** September 26, 2016

**SDS Revision Date:** September 26, 2016

**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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