



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco CI 25 DLD

Other means of identification:

Product Description: Westco CI 25 DLD is used to provide tack to uncured natural or synthetic rubber compounds; it also functions as a plasticizer and softening agent.

Synonyms: CI 25 Dry Liquid Dispersion

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Use of the substance/mixture: Polymer Mixing

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 Pictograms:



Signal Word: Warning

GHS Class: Classification (GHS-US)
STOT, 3, Narcotic Effect H336
STOT, Skin, RE, 2 H373

Hazard Statements: May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure .

Precautionary Statements: Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands, forearms, and exposed areas thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Collect spillage.
Dispose of contents/container according to local, regional, national, and international regulations.

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

Signs/Symptoms: Symptoms/Injuries After Inhalation: Narcotic effect.
Symptoms/Injuries After Skin Contact: Defatting and mild irritation.
Symptoms/Injuries After Eye Contact: No significant effects known.
Symptoms/Injuries After Ingestion: Ingestion is not likely to be harmful or have adverse effects.

Target Organs: Specific Target Organ Toxicity (Single Exposure): Not classified

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
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Precipitated Hydrated Amorphous Silica	112926-00-8	28 %
Coumarone-Indene Resin	68603-08-7	72 %

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.
Skin Contact:	Remove contaminated clothing. Rinse immediately with plenty of water and following up by washing with soap and water. Seek medical attention if redness or pain develops.
Inhalation:	Remove the exposed person to fresh air. Keep at rest and in a position comfortable for breathing. Treat symptoms symptomatically. If irritation develops or persists, seek immediate medical advice.
Ingestion:	Rinse mouth. Do NOT induce vomiting. In general, no medical attention is necessary unless conditions warrant.
Notes :	First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Most important symptoms and effects, both acute and delayed Symptoms/Injuries: Harmful if inhaled. Irritation to skin and respiratory tract. Symptoms/Injuries After Eye Contact: No significant irritation expected. Symptoms/Injuries After Inhalation: Narcotic effect. Symptoms/Injuries After Ingestion: Ingestion is not likely to be harmful or have adverse effects. Chronic Symptoms: Repeated or prolonged skin contact may cause dermatitis and defatting. Indication of Any Immediate Medical Attention and Special Treatment Needed If medical advice is needed, have product container or label at hand.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media:	Dry chemical, carbon dioxide, water spray, fog, foam.
Unsuitable extinguishing media:	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Unusual Fire Hazards:	Release low-molecular hydrocarbons.

Special protective equipment and precautions for fire-fighters:

Protective Equipment:	Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Fire Fighting Instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not enter confined fire space without full bunker gear including an SCBA.
Notes :	Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Do not enter confined fire space without full bunker gear including an SCBA.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions:	Personal Precautions, Protective Equipment and Emergency Procedures General Measures: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not get in eyes, on skin, or on clothing. DO NOT breathe (dust, vapor, mist, gas).
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Environmental precautions:

Environmental Precautions:	Do not allow to enter drains or water courses. Avoid release to the environment.
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Methods and materials for containment and cleaning up:

Methods for containment:	For Containment: Seal leaks in damaged containers ; otherwise, nothing out of the ordinary.
Methods for cleanup:	Protective Equipment: Use appropriate personal protection equipment (PPE). Emergency Procedures: General cleanup procedures. Shovel or sweep up spills immediately.

Notes :	Reference to Other Sections See heading 8, Exposure Controls and Personal Protection. See heading 13 for disposal of cleanup materials.
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SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.
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
Storage Conditions: Store in a dry, cool and well-ventilated place protected from direct sunlight.
Incompatible Products: Strong oxidizers.
Prohibitions on mixed storage: Strong oxidizing agents.

Specific end use(s):

Work Practices: Safety showers and eye wash stations should be available.

Notes : Specific End Use(s) : Polymer mixing.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Appropriate Engineering Controls : Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Individual protection measures:

Eye/Face Protection: Chemical goggles or safety glasses.

Skin Protection Description: Skin and Body Protection : Wear suitable protective clothing.

Hand Protection Description: Wear chemically resistant protective gloves.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

PPE Pictograms:



Notes : Control Parameters: No occupational exposure limits have been established for this product, however, it is good industrial hygiene practice to use the nuisance dust exposure limits (PEL 15 mg/m³ & TLV 10 mg/m³) when no other exposure limits are available. Naphthalene is an unwanted contaminant in the product and it has a PEL and TLV of 10 ppm.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid
Appearance : Dustless Powder

Color: Off-White to Tan

Odor: Strong Petroleum Odor

Odor Threshold: No data available

Boiling Point: No data available

Melting Point: No data available

Specific Gravity: 1.1910

Vapor Density: Relative vapor density at 20 °C : No data available

Vapor Pressure: No data available

Evaporation Rate: Relative Evaporation Rate (butylacetate=1) : No data available

pH: Not Available

Flash Point: No data available

Lower Flammable/Explosive Limit: No data available

Upper Flammable/Explosive Limit: No data available

Auto Ignition Temperature: No data available

Explosive Properties: No data available

Oxidizing Properties: No data available

9.2. Other information:

Notes : Flammability (solid, gas) : No data available
Other Information : No additional information available

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: This material is stable; no unusual hazards.
Reacts with strong oxidants.

Chemical Stability:

Chemical Stability: This product is stable.

Conditions To Avoid:

Conditions to Avoid: Incompatible materials. Sparks, heat, open flame and other sources of ignition.

Incompatible Materials:

Incompatible Materials: Acids, Oxidizing materials, Strong Alkalies.

Hazardous Decomposition Products:

Special Decomposition Products: Carbon oxides (CO, CO₂); Low Molecular Weight Hydrocarbons.

Notes : Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity: Acute oral toxicity LD50 (Rat): Not Established
Acute dermal toxicity LD50 (Rat): Not Established
Harmful if inhaled.

Sensitization: Respiratory or Skin Sensitization: None known.

Chronic Effects: Chronic Symptoms: Repeated or prolonged skin contact may cause dermatitis and defatting.

Mutagenicity: Germ cell mutagenicity: Not classified

Reproductive Toxicity: Not classified

SECTION 12 : ECOLOGICAL INFORMATION

Precipitated Hydrated Amorphous Silica :

Other adverse effects:

Effect of Material On Aquatic Life: NOEC Freshwater Fish > 10000 ppm (Exposure time: 96 h - Species: N/A)
NOEC Daphnia > 10000 ppm (Exposure time: 24 h - Species: Daphnia magna)

Ecotoxicity:

Ecotoxicity: Ecology - General : Toxic to aquatic life with long lasting effects.

Persistence and degradability:

Biodegradation: The silica carrier is not readily biodegradeable, however, the Resin is considered to be inherently biodegradeable.

Bioaccumulative potential:

Bioaccumulation: Low bioaccumulation potential.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR 261.3. Product as purchased is not considered as a RCRA Hazardous Waste.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Non regulated.

DOT Pictograms:



SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: All components of this product are listed on the United States TSCA (Toxic Substances Control Act) inventory

CERCLA Section 302: If this material is accidentally released, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response Compensation and Liability Act.

Section 311/312 Hazard Categories: Immediate (acute) health hazard

Risk Phrases: R38 - Irritating to skin.

Safety Phrase:
* S23 - Do not breathe gas/fumes/vapour/spray.
* S9 - Keep container in a well-ventilated place.
* S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
* S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water..

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

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

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

SDS Revision Date: October 09, 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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