



## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

Product identifier used on the label:

**Product Name:** Westco Hiplast 201

Other means of identification:

**Product Description:** Hi-Plast 201 is an effective, non-discoloring plasticizer and process aid for most elastomers.

**Synonyms:** Petroleum Sulfonate

Recommended use of the chemical and restrictions on use:

**Product Use/Restriction:** Hi-Plast 201 improves mold flow, extrusion and calendaring operations and retards scorch. It is used in a wide variety of products including sponge, hose, belts, molded goods, coated fabrics, wire and cable and tire repair materials.

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:** Danger

**GHS Class:** Aspiration Toxicity, Category 1

**Hazard Statements:** May be fatal if swallowed and enters airways.

**Precautionary Statements:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Do NOT induce vomiting.  
Store locked up.  
Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

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

**Potential Health Effects:** Chronic: May cause liver and kidney damage. Animal studies have reported the development of tumors.

**Acute Health Effects:** Chronic: May cause liver and kidney damage. Animal studies have reported the development of tumors.

**Eye:** Causes eye irritation.

**Skin:** Causes skin irritation. May be harmful if absorbed through the skin.

**Inhalation:** May be harmful if inhaled

**Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed.

**Chronic Health Effects:** Chronic: May cause liver and kidney damage. Animal studies have reported the development of tumors.

**Carcinogenicity:** CAS# 8012-95-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
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Tall Oil Fatty Acid	NA	4.0 %
Sodium petroleum sulfonate	68608-26-4	11.0 %
Mineral Oil	8012-95-1	85.0 %

## SECTION 4 : FIRST AID MEASURES

### Description of necessary measures:

<b>Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>Skin Contact:</b>	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Inhalation:</b>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid
<b>Ingestion:</b>	Do NOT induce vomiting. Get medical aid.

### Indication of immediate medical attention and special treatment needed:

**Note to Physicians:** Treat symptomatically and supportively

## SECTION 5 : FIRE FIGHTING MEASURES

### Suitable and unsuitable extinguishing media:

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

### Specific hazards arising from the chemical:

**Hazardous Combustion Byproducts:** Irritating or toxic gases may be generated from decomposition/combustion products. Under low oxygen conditions, oxides of carbon and sulfur may be produced

### 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 including self-contained breathing apparatus in pressure-demand MSHA/NIOSH (approved or equivalent). If possible, contain fire run-off water.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### Environmental precautions:

**Environmental Precautions:** Avoid release to the environment.

### Methods and materials for containment and cleaning up:

**Spill Cleanup Measures:** Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

### Methods and materials for containment and cleaning up:

**Methods for containment:**

- \* Contain spills with an inert absorbent material such as soil, sand or oil dry.
- \* Prevent from spreading by covering, diking or other means.

## SECTION 7 : HANDLING and STORAGE

### Precautions for safe handling:

<b>Handling:</b>	<ul style="list-style-type: none"> <li>* Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing</li> <li>* Do not inhale or ingest.</li> <li>* Do not eat or drink while using this product.</li> <li>.</li> <li>* Wear PPE as described in Section 8</li> </ul>
<b>Hygiene Practices:</b>	<ul style="list-style-type: none"> <li>* Follow good industrial hygiene practices when handling this material.</li> <li>* Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust, vapor or mist.</li> </ul>

### Conditions for safe storage, including any incompatibilities:

**Storage:** Store in a cool, dry place away from strong oxidizing agents.

### Specific end use(s):

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

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### Mineral Oil:

Guideline ACGIH: TLV: 5 mg/m<sup>3</sup> (IHL; some exceptions) STEL: 10 mg/m<sup>3</sup>

Guideline OSHA: PEL: 5 mg/m<sup>3</sup>

### Appropriate engineering controls:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

### Individual protection measures:

Eye/Face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin Protection Description: Wear protective clothing to prevent skin exposure.

Hand Protection Description: Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Respiratory Protection: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

PPE Pictograms:



## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

### PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid  
Appearance and Odor: amber.  
Petroleum-like.

Odor: amber.  
Petroleum-like.

Boiling Point: 212.00 F - 500.00 F

Melting Point: NA

Specific Gravity: Specific Gravity (Water = 1): 0.86

Vapor Density: Vapor Density (vs. Air = 1): > 5

Vapor Pressure: Vapor Pressure (vs. Air or mm Hg): < 1.5 MM\_HG

Evaporation Rate: NA

pH: NA

Molecular Formula: Molecular Formula & Weight: Not available. 0.0

Molecular Weight: Molecular Formula & Weight: Not available. 0.0

Flash Point: > 218.00 F

Flash Point Method: Closed cup

Lower Flammable/Explosive Limit: N/A

Upper Flammable/Explosive Limit: N/A

Auto Ignition Temperature: NA

## SECTION 10 : STABILITY and REACTIVITY

### Reactivity:

Reactivity: Possibility of Hazardous Reactions: Will not occur

### Chemical Stability:

Chemical Stability: Stable

### Conditions To Avoid:

Conditions to Avoid: Incompatible materials.

### Incompatible Materials:

Incompatible Materials: Strong oxidizing agents.

### Hazardous Decomposition Products:

Special Decomposition Products: carbon monoxide

## SECTION 11 : TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION:

**Acute Toxicity:** Epidemiology: Tumorigenic effects have been reported in experimental animals. Teratogenicity: No information available. Reproductive Effects: No information found. Mutagenicity: Neurotoxicity:

#### Sodium petroleum sulfonate :

**Acute Toxicity:** LD 50 Dermal (Rabbit) 2,000 mg/kg  
LD 50 Oral (Rat) >5g/kg

#### Mineral Oil :

**Acute Toxicity:** LD 50 Dermal (Rabbit) 2,000 mg/kg  
LD 50 Oral (Rat) >5g/kg

**OSHA:** No

**IARC:** No

**NTP:** No

**Reproductive Toxicity:** No information found.

**Teratogenicity:** No information available

#### Mineral Oil :

**Carcinogenicity:** CAS# 8012-95-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

### SECTION 12 : ECOLOGICAL INFORMATION

#### Ecotoxicity:

**Ecotoxicity:** General Ecological Information:  
Environmental: No information available.  
Physical: No information available.  
Other: Do not empty into drains.

**Environmental Fate:** Environmental: No information available.

### SECTION 13 : DISPOSAL CONSIDERATIONS

#### Description of waste:

**Waste Disposal:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed.

### SECTION 14 : TRANSPORT INFORMATION

**DOT Shipping Name:** Not Regulated.

**DOT Pictograms:**



**IATA Shipping Name:** Not regulated

**IATA Pictograms:**



**Canadian Shipping Name:** Not regulated

**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 and exempt in the TSCA inventory of Chemical Substances.

**CERCLA Section 302:** If an accidental spill occurs, there is no reporting required.

**Section 311/312 Hazard Categories:** Under the provisions of Title III, Section 311 & 312, no products were found

**Risk Phrases:** \* R322 - May be harmful if swallowed.  
\* R20/21 - Harmful by inhalation and in contact with skin.

**Safety Phrase:** S29/35 - Do not empty into drains; dispose of this material and its container in a safe way. \* S 1 - Keep locked up.  
\* S 9 - Keep container in a well-ventilated place.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 2  
HMIS Fire Hazard: 1  
HMIS Reactivity: 0  
HMIS Personal Protection: J

Health Hazard	2
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Revision Date: July 16, 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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