

# MATERIAL SAFETY DATA SHEET

## Distributor

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## Product identification

Product name: POLYTERPENE RESIN  
Chemical ingredient: Pinene polymer: 100%  
CAS Number: 68240-09-5  
Usage: flavor and fragrance ingredient.

## Composition/information on ingredients

POLYTERPENE RESIN: 100%

## Hazards identification

Static charges generated by emptying package in or near flammable vapors may cause flash fire.

May form flammable dust-air mixtures.

### POTENTIAL HEALTH EFFECTS

May cause eye irritation by mechanical abrasion.

May cause skin irritation by mechanical abrasion.

Inhalation may cause respiratory tract irritation.

## First aid measures

### SKIN

Wash with soap and water. Get medical attention if irritation develops or persists.

**HOT MOLTEN product:** Immediately cool skin burns with water and cold packs for at least 15 minutes. Do NOT put ice directly on the skin. Do NOT attempt to remove solidified resin from the skin as severe tissue damage may result. Get immediate medical attention. See Note to Physician.

### EYE

Remove contact lenses. Hold eye lids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get medical attention if irritation persists.

**HOT MOLTEN product:** Cool burns with plenty of low-pressure water. Get immediate medical attention.

### INHALATION

Remove to fresh air. Get medical attention if nasal, throat or lung irritation develops.

### INGESTION

Not an ingestion hazard under anticipated conditions of use. For accidental ingestion: Do NOT induce vomiting. Get immediate medical attention.

### NOTE TO PHYSICIAN

For **HOT MOLTEN** or **HOT LIQUID** product: Material should not be forcibly removed from the skin. Mineral oil may be used to loosen and soften the material.

## Fire fighting measures

### EXTINGUISHING MEDIA

Waterspray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires involving this product.

### FIRE FIGHTING PROCEDURES

Wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear when fighting fires involving this product.

### CONDITIONS TO AVOID

None known.

### HAZARDOUS COMBUSTION PRODUCTS

If heated to combustion, the following substances may be formed: carbon monoxide, carbon dioxide, aldehydes, carboxylic acids and smoke.

## Accidental release measures

Ventilate area. Avoid dust formation. If product is not contaminated, scoop into clean containers for use. If product is contaminated, scoop into containers, and dispose appropriately. In case of accidental spill or release, refer to another Section, Personal Protective Equipment and General Hygiene Practices.

## Handling and storage

### GENERAL MEASURES

Ground all equipment.

Blanket vessel with inert gas when emptying bags where flammable vapors may be present.

Ground operator and pour material slowly into conductive, grounded chute.

For large bags (1000 lbs or greater) a ground cable MUST be attached to the bag ground connection.

Store in a cool, dry area.

Keep container closed when not in use.

Control inventory.

Rotate stock periodically.

For **HOT MOLTEN** or **HOT LIQUID** product: Use personal protective equipment.

Exposure Controls/Personal Protection.

### MATERIALS OR CONDITIONS TO AVOID

Avoid conditions that generate dust; product may form flammable dust-air mixtures.

Avoid emptying package in or near flammable vapors; static charges may cause flash fire.

Keep away from heat, flame, sparks and other ignition sources.

## Exposure controls/Personal protection

### WORK PRACTICES & ENGINEERING CONTROLS

Eyewash fountains and safety showers should be easily accessible.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below

recommended exposure limits. Discharge from the ventilation system should comply with applicable air pollution control regulations.

### GENERAL HYGIENIC PRACTICES

Avoid contact with eyes, skin, and clothing.

Avoid breathing dust, vapor or mist.

Handle in areas with adequate ventilation.

Avoid contamination of food, beverages, or smoking materials.

Wash thoroughly after handling, and before eating, drinking or smoking.

Remove contaminated clothing promptly and clean thoroughly before reuse.

### RECOMMENDED EXPOSURE LIMITS

**PARTICULATES (INSOLUBLE) NOT OTHERWISE SPECIFIED (PNOS):** If used under conditions that generate

particulates, the ACGIH TIV-TWA of 3 mg/m<sup>3</sup> respirable fraction (10 mg/m<sup>3</sup> total) should be observed.