MATERIAL SAFETY DATA SHEET

Distributor
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Wuzhou, Guangxi, China (543001)
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Product identification
Product name: POLYMERIZED ROSIN
CAS Number.: 65997-05-9
Synonyms: polymd. rosin, P-rosin
Formula: C40H60O4
Molecular weight: unspecified

Composition/information on ingredients
Macromolecule polymer via gum rosin polymerization.

Hazard identification
Routes of entry:
Inhalation-YES  Skin-YES  Ingestion-YES
Reports of carcinogenicity:
NTP-NO  IARC-NO  OSHA-NO
Health hazards acute and chronic:
eyes-may cause irritation; skin-may cause irritation;
inhalation-may be harmful; ingestion- may be harmful.

First aid measures
Eyes: immediately flush with copious amounts of water for at least 15 min.
Skin: immediately wash with soap and copious amounts of water.
Inhalation: remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion: wash out mouth with water provided person is conscious.

Fire fighting measures
Extinguishing media: water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Fire fighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire/explosion hazard: emits toxic fumes under fire conditions.

Accidental release measures
Spill release procedures: wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Handling and storage
Handling and storage precautions: avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Avoid inhalation. Keep tightly closed. Store away from heat.

Physical and chemical properties
Appearance: yellowish transparent solid
Softening point: 90 - 145 degree C
Acid value: 140mgKOH/g min.
Spec gravity: 1.05
Solubility in water: negligible
Vapor pres: negligible
Percent volatiles by volume: negligible

Stability and reactivity data
Stability indicator/materials to avoid: yes. Strong oxidizing agents.
Hazardous decomposition products: carbon dioxide and carbon monoxide.

Toxicological information
Routes of exposure: the substance can be absorbed into the body by inhalation of fumes.
Acute effects/symptoms: inhalation of fumes causes asthmatic reactions.
Chronic effect: repeated or prolonged contact may cause skin sensitization. Repeated or prolonged inhalation exposure may cause asthma.

Ecological information
TOX INFO (CONT): classified/regulated.
OSHA TWA: 15mg/ms total, 5mg/m3 respirable fraction.
TLV-TWA: 10mg/m3.

Disposal considerations
Waste disposal methods: dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local regulations.

Transport Information
Non-hazardous for air, sea and road freight.

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the data of its publication. The information given is designed only as a guidance for safe handling, use processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Respiratory protection: NIOSH/MSHA-approved respirator.
Ventilation: mechanical exhaust required.
Protective gloves: compatible chemical-resistant gloves.
Eye protection: chemical safety glasses.
Other protective equipment: safety shower and eye bath.
Work hygienic practices: wash hands thoroughly after handling.
Supplemental safety and health: none.

Solubility in water: negligible
Spec gravity: 1.05

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Protective gloves:
Ventilation:
Respiratory protection:

Supplemental safety and health:

Embankment equipment to

Protective clothing to

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