MATERIAL SAFETY DATA SHEET

Distributor
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Product identification
Product name: ROSIN MODIFIED PHENOLIC RESIN
CAS NO. 68152-70-5/68152-61-4/67700-49-6/68457-91-0
Synonyms: phenolic resin
Formula: (X.CH2O.W99)x
Molecular weight: unspecified

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

Hazards 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;
inhalement-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.

Exposure controls/Personal protection

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

Physical and chemical properties
Appearance: yellowish transparent pieces
Softening point: 151 degree C min.
Acid value: 25 mgKOH/g max.
Solubility in benzo: clear
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 dusts or 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.

Regulatory Information
Unspecified.

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