

SAFETY DATA SHEET

Distributor

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Product identification

Product name: PHENOLIC RESIN
CAS NO. unspecified
Synonyms: octyl-phenolic Curing Resin, brominated octyl-phenolic Curing Resin, SP-1045 / SP-1055/ SP-1056
Formula: macromolecule polymer
Molecular weight: unspecified

Composition/information on ingredients

Macromolecule polymer.

Hazards identification

Routes of Entry:
Inhalation: Yes Skin: Yes Ingestion: No
Reports of Carcinogenicity:
NTP: No IARC: No OSHA: No
Health Hazards Acute and Chronic:
Ingest/Skin Absorption/Skin Contact: No
Eye-may cause irritate, experienced as stinging w/excess blinking & tear production. Redness & swelling of conjunctive may occur.
Inhalation:-Short term harmful effect not expected

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: Dry chemical, foam, carbon dioxide, water fog.
Unsuitable Extinguishing media: Don't use a solid water stream as it may scatter and spread fire.

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: yellow to red-brown transparent pieces
Softening point (R&B, degree C): 80 - 95
Hydroxymethlate content: 8% - 13%
Specific gravity (25 deg C): 1.05 about
Insoluble matter in acetone: 1.5% max.

Stability and reactivity data

Stability Indicator/Materials to Avoid: YES - Strong oxidizing agents, strong acids, strong alkalies, halofens, acyl halides. Prevent disperse of material in air to form dust-any finely divided org material in air can ignite dust explode.
Hazardous Decomposition Products: burning/thermo decomposition can produce phenol, formaldehyde, CO(highly toxic if inhale) and/or CO2(sufficient conce act as asphyxiant).

Toxicological information

Oral LD50 (formaldehyde): rat 100mg/kg
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

n/a

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.

Disclaimer

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