

MATERIAL SAFETY DATA SHEET

Distributor

SUMMIT TRADE PTE LTD
9/F Baiyun Riverscape Tower, 5 Xijiang 2nd Road,
Wuzhou, Guangxi, China (543001)
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Product identification

Product name: Hydrocarbon Resin
Another name: Petroleum Resin
CAS NO: 64742-16-1

Composition/information on ingredients

C5 aliphatic hydrocarbons / C9 aromatic hydrocarbons.

Hazards identification

Inhalation: may cause a mild irritation temporarily via the nasal passages and throat, i.e. sneezing ,scratchy throat from dust inhalation. No other symptoms known.

Skin & eye: may cause mechanical eye irritation and skin irritation to allergic persons.

Ingestion: ingestion is not known to be fatal unless massive quantities ingested.

Health hazards (acute & chronic): not likely to cause any significant acute or chronic effect.

First aid measures

Inhalation: if swallowed, do not induce vomiting. Call a physician immediately.

Eyes: flush immediately with plenty of low pressure water for at least 15 minutes removing all trace of material by keeping eyelids apart. Consult a physician should an irritation develop.

Skin: Wash with a mild soap and running water. If molten resin comes in contact with the skin cool under a running stream of water, do not attempt to remove resin from the skin. Removal may cause damage to the skin. Consult a physician if an irritation or rash develops.

Ingestion: if swallowed, do not induce vomiting. Call a physician immediately.

Fire fighting measures

Extinguishing media: water spray, dry chemical, carbon dioxide, foam.

Fire fighting procedures: fire fighters should wear self-contained breathing apparatus and protective equipment. Use water spray to cool fire-exposed surfaces.

Fire/explosion hazard: potential for dust explosions.

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: do not smoke. Use non-sparking material for electrical wiring and lighting units. Do not turn a flash light on and off in tank, this product in and out uses only non-sparking tools.

Storage: keep away from heat, spark, and flames. Store in cool, dry and well-ventilated place.

Exposure controls/Personal protection

Engineering controls: handle in a well ventilated area. Normal industrial hygiene measures should be sufficient. The conditions of use of this resin should be examine to try to reduce fumes and using.

Protective Equipment: impervious gloves. Use goggles. Use dust mask. Good Ventilator should be sufficient to control airborne levels.

Physical and chemical properties

Appearance: yellowish transparent granular

Acid value (mgKOH/g): 1 max.

Softening point (R&B, deg C): 100 / 115 (+/- 5)

Ash content (%): 0.1% max.

Solubility in water: no

Specific gravity: 1.0 min.

Stability and reactivity data

Stability : stable. avoid open flames, high temperature, electric arc.

Hazardous decomposition products: carbon dioxide and carbon monoxide.

Toxicological information

Dermal: this product may be irritating to the skin.

Eyes: the fine particles and powder should be regarded as an inert, nuisance dust.

Oral: not determined. We believe that this product has a low order of toxicity. Based on tests with similar products, the expected LD50 is great than 2000 mg/kg.

Inhalation: noxious and irritating fumes may be release on melting this product. The thermal decomposition of these vapor when over heated may give rise to monomers and low molecular weight hydrocarbons.

Ecological information

Acute Fish Toxicity: by comparison with similar resins, this product may be considered as no toxicity to fish.

Biodegradability: based on tests on similar resins it is expected that this product cannot be regarded as readily biodegradable in the test. However, it will be very slowly biodegradable.

Disposal considerations

Disposed by controlled incineration or by dumping in an approved load field area according to local regulations.

Transport Information

Non-hazardous for air, sea and road freight.

Regulatory Information

Unspecified.

Disclaimer

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