

MATERIAL SAFETY DATA SHEET

1. Producer and Distributor

VISTA CO., LTD

Room 211, N5 Building, No. 99 Le Duan,
Hoan Kiem Dist, Ha Noi, Viet Nam
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2. Production identification

Product name: VIETNAMESE GUM ROSIN
CAS Number: 8050-09-7
Synonyms: Colophony
Formula: C19H29COOH mainly
Molecular weight: unspecified
Use: Varied applications

3. Composition/information on ingredients

Natural gum rosin derived from gum of pine tree (Pinus merkusii)

4. 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.
+ Inhalation: may be harmful.
+ Ingestion: may be harmful.

5. First aid measures

Eyes: immediately flush with 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

6. 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.

7. Accidental release measures

Do not breathe dust. Use dust mask, safety glasses & suitable gloves.
If material is not contaminated, sweep & scoop into clean containers for use. If contaminated, sweep up & scoop into containers for disposal. Resin is not harmful.

8. Handling and storage

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

Inventory Control: Use oldest material first.

9. 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

10. Physical and chemical properties

Appearance: yellowish transparent solid
Softening point: 76 degree C min.
Acid value: 166KOH/g max.
Unsaponifiable matters: 5% max.
Insoluble matters: 0.03% max.
Ash content: 0.02% max.

11. Stability and reactivity data

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

12. 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.

13. Ecological information

No available data.

14. 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.

15. Transport Information

DOT Hazard Class: Non-hazardous for air, sea and road freight.

16. Regulatory Information

Unspecified.

17. Disclaimer

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