

## MATERIAL SAFETY DATA SHEET

### GUM ROSIN

#### Section 1. Chemical Product and Company Identification

MSDS Name : Rosin, gum  
Company Identification : Tradeasia International Pte Limited  
133 Cecil Street # 12-03 Keck Seng Tower, Singapore  
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#### Section 2. Composition And Information On Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
8050-09-7	Rosin	100.0	232-475-7

#### Section 3. Hazards Identification

##### EMERGENCY OVERVIEW

**Appearance:** Not available.

**Warning!** May cause asthma. May cause allergic skin reaction. May cause eye, skin, and respiratory tract irritation. The toxicological properties of this material have not been fully investigated.

**Target Organs:** Lungs, skin.

##### Potential Health Effects

**Eye:** May cause eye irritation. The toxicological properties of this material have not been fully investigated.

**Skin:** May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. The toxicological properties of this material have not been fully investigated.

**Ingestion:** May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

**Inhalation:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. May cause asthma.

**Chronic:** Repeated exposure may cause allergic respiratory reaction (asthma).

#### Section 4. First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:** Treat symptomatically and supportively.

#### Section 5. Fire And Explosion Data

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Combustible solid.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

**Flash Point:** Not applicable.

**Autoignition Temperature:** Not available.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** (estimated) Health: 2; Flammability: 0; Instability: 0

#### Section 6. Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section.

Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

Avoid generating dusty conditions. Provide ventilation.

## Section 7. Handling And Storage

### Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

### Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## Section 8. Exposure Controls/ Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

### Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Rosin	none listed	none listed	none listed

OSHA Vacated PELs: Rosin: No OSHA Vacated PELs are listed for this chemical.

### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9. Physical And Chemical Properties

Physical State	: Solid
Appearance	: Not available.
Odor	: slight turpentine odor
pH	: Not available.
Vapor Pressure	: Negligible.

Vapor Density	: Not available.
Evaporation Rate	: negligible
Viscosity	: Not available.
Boiling Point	: Not available.
Freezing/Melting Point	: Not available.
Decomposition Temperature	: Not available.
Solubility	: Not available.
Specific Gravity/Density	: Not available.
Molecular Formula	: Not available.
Molecular Weight	: Not available.

## Section 10. Stability And Reactivity Data

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** High temperatures, incompatible materials, dust generation.

**Incompatibilities with Other Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Has not been reported

## Section 11. Toxicological Information

RTECS#:

CAS# 8050-09-7: VL0480000

LD50/LC50:

CAS# 8050-09-7:

Inhalation, rat: LC50 = 110 mg/m<sup>3</sup>;

Oral, mouse: LD50 = 2.2 mg/kg;

Oral, rat: LD50 = 3.0 mg/kg;

Carcinogenicity:

CAS# 8050-09-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.



Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies:

## Section 12. Ecological Information

No information available.

## Section 13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

## Section 14. Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

## Section 15. Other Regulatory Information

US FEDERAL

TSCA

CAS# 8050-09-7 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

## Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

## Section 12b

None of the chemicals are listed under TSCA Section 12b.

## TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

## CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

## SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

## Section 313 No chemicals are reportable under Section 313.

## Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

## Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

## OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

## STATE

CAS# 8050-09-7 can be found on the following state right to know lists: Minnesota.

## California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

## European/International Regulations

## European Labeling in Accordance with EC Directives

## Hazard Symbols:

XI

## Risk Phrases:

R 43 May cause sensitization by skin contact.

**Safety Phrases:**

S 24 Avoid contact with skin.

S 37 Wear suitable gloves.

**WGK (Water Danger/Protection)**

CAS# 8050-09-7: 1

**Canada - DSL/NDSL**

CAS# 8050-09-7 is listed on Canada's DSL List.

**Canada - WHMIS**

This product has a WHMIS classification of D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**

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**Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

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