

SCHEEL CORPORATION

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Gum Damar

REVISION DATE: 03/01

PRODUCT USE: Additive for coatings and ink

<u>SUPPLIER:</u> SCHEEL Corporation	In case of Emergency call:
Box 567	(24 hours/day, 7 days/week)
Cranbury, NJ 08512	800-424-9300 (CHEMTREC)

2. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Ingredient Name:</u>	<u>CAS #:</u>	<u>Weight %</u>
Gum Damar	9000-16-2	100%

3. HAZARDS IDENTIFICATION

Physical State and Appearance: Solid Nuggets at room temperature

Odor: None

Color: Tan-Brown

Emergency Overview: A natural resin product which is not considered hazardous. Dust particles may cause mechanical irritation of eyes.

4. FIRST AID MEASURES

EYE CONTACT: If hot or molten product is splashed into eyes, flush immediately and thoroughly with clear water and obtain medical attention immediately. Dust may cause mechanical irritation.

SKIN CONTACT: If burned by hot product, obtain immediate medical attention. In case of skin contact with product under other conditions, wash thoroughly with soap and water. If discomfort persists, obtain medical attention.

INHALATION: If overcome by fumes, immediately remove from exposure and immediately obtain medical attention. If breathing is irregular or has stopped, start resuscitation.

INGESTION: No specific information identified or established. Obtain medical attention if discomfort persists.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Contact a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT: 600°F (312°C) **METHOD:** Cleveland Open Cup

EXTINGUISHING MEDIA: Carbon dioxide, Dry chemical or Fine Water Spray

FIRE FIGHTING GUIDANCE: Wear self-contained breathing apparatus approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use water spray to keep containers cool.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK: Always wear recommended personal protective equipment.

Keep away from heat or flame. Sweep up with a minimum of dusting. Collect in an appropriate container such as fiber drums or cartons. All spills or releases must be disposed of in accordance with applicable Federal, State and local regulations.

7. HANDLING AND STORAGE

Normal handling; wear recommended personal protective equipment.

Avoid breathing fumes from heating operations. Avoid spillage, which can cause slippery conditions on floors. Use good personal hygiene and housekeeping when handling these materials.

STORAGE RECOMMENDATIONS:

Avoid storing in or near excessive heat. Do not store near strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to remove any fumes or vapors during heating operations. For storage and ordinary handling, general ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT:

Skin Protection: Wear protective garments such as gloves and long sleeves when handling molten material.

Eye Protection: Wear chemical goggles around molten product.

Respiratory Protection: During melting or conveying in a molten state, use a respirator approved for organic vapors.

Additional Recommendations: Not generally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Characteristic odor of natural tree resin.

APPEARANCE: Brown Lumps

SPECIFIC GRAVITY (WATER=1): 1.05 @ 75°F (24°C)

MELTING POINT: 185-238°F (85-115°C)

FLASH POINT: 600°F (316°C)

WATER SOLUBILITY: Negligible

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Depending on conditions of fire, carbon monoxide, carbon dioxide and combustible gases may be generated.

INCOMPATIBILITIES: Strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Not determined

12. ECOLOGICAL AND ENVIRONMENTAL FATE INFORMATION

No data has been developed on this topic. This is a waxy, natural product which is not soluble in water.

13. DISPOSAL CONSIDERATIONS

RCRA: The unused product is not identified as a RCRA waste.

14. TRANSPORT INFORMATION

U.S. DOT HAZARD CLASS: Not regulated

US DOT ID NUMBER: Not applicable

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT:

STATUS: Product is listed on the TSCA Chemical Inventory

SARA TITLE III/CERCLA: No ingredients listed in this section

SECTION 311 HAZARD CLASS: None

SARA 313 TOXIC CHEMICALS: None

16. OTHER INFORMATION

None

MSDS No. 86028

Issue Date: 3/2001