

**SOVEREIGN CHEMICAL COMPANY**

1225 West Market St., Akron OH 44313  
Phone: 330-869-0500, Fax: 330-869-0518  
www.sovchem.net

## Material Safety Data Sheet

### WW Gum Rosin Crushed

#### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

<b>Manufacturer:</b> Sovereign Chemical Company 1225 West Market St. Akron OH 44313 USA	<b>Emergency Contact:</b> Chemtrec: 1-800-424-9300 (continental USA) 1-703-527-3887 (outside continental USA)
<b>Trade Name(s):</b> WW Gum Rosin Crushed	<b>MSDS Number:</b> 1111
<b>Chemical Name:</b> Gum rosin	<b>Synonyms:</b> Gum rosin
<b>Prepared By:</b> Sovereign Chemical Company	<b>Date of Issue:</b> July 6, 2011 <b>Revision Number:</b> 6 (supersedes February 9, 2007) <b>Change(s):</b> Periodic review

#### 2. INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Percent</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Gum rosin	8050-09-7	100	ND	ND

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Pale yellow flakes. Use appropriate personal protective equipment. During fire situations, irritating and toxic gases may be generated. Keep from entering storm or sanitary sewers, ground water, or soil. Avoid breathing fumes from molten rosin. Avoid dust formation.

**HMIS® III:** Health – 1, Flammability – 1, Physical Hazard – 0, Personal Protection Equipment – E (safety glasses, gloves, dust mask)\*

\*This is recommended personal protection equipment, final personal protection equipment should be determined by the plant safety department based on the actual conditions under which the product is used.

##### Potential Health Effects

**Eye:** May cause irritation.

**Skin Contact:** May cause irritation.

**Ingestion:** May cause irritation and nausea.

**Inhalation:** May cause irritation and nausea. Avoid breathing fumes from molten rosin.

**Chronic & Carcinogenicity:** This product is not known to be carcinogenic.

#### 4. FIRST AID MEASURES

**Skin:** Wash with water.

**Eye:** Flush with water.

**Ingestion:** Remove visible material, clean the face with water: lie down quietly and seek medical advice.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** 400°F      **LEL:** ND      **UEL:** ND      **Auto Ignition Temperature:** ND

Use water, dry chemical, regular foam or carbon dioxide to extinguish fires. Product in or near fires should be cooled with a water spray or fog. A self contained breathing apparatus (SCBA) operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires. During a fire the product can form carbon monoxide and toxic fumes.

## 6. ACCIDENTAL RELEASE MEASURES

Take up any spilled product by mechanical means (avoid dust formation) and place into sealed containers for proper disposal. If product is in the molten state allow it to cool and solidify before cleanup. Individuals involved in the cleanup should wear appropriate personal protective equipment. See Section 8. Unnecessary personnel should be kept clear of the area. Keep from entering storm or sanitary sewers, ground water, or soil. Dispose of waste materials including empty product bags or drums in accordance with Local, State and Federal regulations.

## 7. HANDLING AND STORAGE

**Storage Conditions:** Do not store at high temperatures. Store in closed containers in a dry environment.

**Handling:** Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts. Wet mopping or vacuuming with a unit that contains a HEPA filter is recommended to clean up any dusts generated during processing or handling. Individuals handling this product should wear personal protective equipment specified in Section 8. Plant environment should include controls and equipment specified in Section 8.

## 8. EXPOSURE CONTROL - PERSONAL PROTECTION

**Engineering Controls:** Local exhaust ventilation should be provided. Design details for local exhaust ventilation systems may be found in the latest edition of "Industrial Ventilation: A Manual of Recommended Practices" published by the ACGIH and available at their web site, <http://www.acgih.org>. The need for local exhaust ventilation should be evaluated by a professional industrial hygienist. Local exhaust ventilation systems should be designed by a professional engineer.

**Respiratory Protection:** Dust mask.

**Eye Protection:** Chemical protective goggles are recommended where there is a possibility of eye contact with the product. Safety glasses with side shields are recommended for all other operations.

**Protection Gloves:** Neoprene or nitrile gloves should be worn to prevent irritation and possible absorption. Cloth gloves are not recommended.

**Other Protection Items:** Neoprene or nitrile rubber coated apron or other body covering may be required if there is a possibility of regular work clothing becoming contaminated with the product. All soiled or dirty clothing and personal protective equipment should be thoroughly cleaned before reuse. A shower is recommended after handling product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b> Pale yellow flakes	<b>Melt Point:</b> 70 - 100°C
<b>Vapor Density (Air = 1):</b> NA	<b>Octanol/Water Partition Coefficient:</b> ND
<b>Vapor Pressure:</b> NA	<b>Evaporation Rate BuOAC = 1:</b> NA
<b>Odor:</b> None	<b>Specific Gravity:</b> 1.08 g/cc
<b>% Volatile by Volume:</b> NA	<b>Boiling Point:</b> NA
<b>% Solubility (H<sub>2</sub>O) :</b> Insoluble	<b>pH:</b> NA
<b>Other:</b> None	

## 10. STABILITY AND REACTIVITY

**Stability /Polymerization:** Stable, hazardous polymerization will not occur.

**Incompatibility (conditions to avoid):** High temperatures during storage.

**Hazardous Decomposition Products:** Oxides of carbon.

**Special Sensitivity:** None that are known.

**11. TOXICOLOGICAL INFORMATION**

Prolonged exposure may cause skin irritation and nausea. Detailed toxicological information is not available.

**12. ECOLOGICAL INFORMATION**

Detailed ecological information is not available.

**13. DISPOSAL CONSIDERATIONS**

Product should be disposed of in an EPA approved incinerator or landfill in accordance with all local, state, and/or federal regulations.

**14. TRANSPORTATION INFORMATION**

No UN number or DOT class

**15. REGULATORY INFORMATION**

**WHMIS:** Not listed.

**CERCLA/RCRA:** No reportable or threshold planning quantities.

**SARA Title III, Section 313:** Not listed.

**NTP, IARC, SUBPART Z, Proposition 54 (CA), Clean Air:** Not listed.

**TSCA:** Listed on the TSCA inventory.

**Canadian DSL:** All ingredients are listed.

**16. OTHER INFORMATION**

NE = Not Established

NA = Not Applicable

ND = Not Determined

**IMPORTANT SAFETY NOTICE:** The information in the Material Safety Data Sheet relates only to the specific material(s) described herein and does not relate to use in combination with any other material or substance or in any process. We believe that the information contained herein is current as of the date of issue of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not within the control of Sovereign Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.

Users of this product should study this Material Safety Data Sheet and become aware of the product hazards and safety information before using the product. Users should also notify their employees, agents, and contractors of the information on this Material Safety Data Sheet and any product hazards and safety information in order to provide safe use of this product.