

MSDS - Material Safety Data Sheet**Product Name: Rest-O-Plas****MSDS No.: RPR1006****I. Basic Information:****Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 01/31/2011**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

2	Health
4	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
141786	Ethyl acetate	100						400 ppm	400 ppm	24 F	

III. Hazardous Identification:**Hazard Category:**
 Acute

 Chronic

 Fire

 Pressure

 Reactive
Hazardous Identification Information:

Flammable! May be harmful if inhaled. Respiratory and digestive tract irritant. Skin and irritant. May cause central nervous system depression. May cause liver and kidney damage.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Chronic: Dermatitis

Signs and Symptoms:

Ingestion: Headache, drowsiness, unconsciousness

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory, liver, kidney, central nervous system diseases

Emergency and First Aid Procedures:

MSDS - Material Safety Data Sheet

Product Name: Rest-O-Plas

MSDS No.: RPR1006

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: 24 F

Lower Explosive Limit: 2.2

Upper Explosive Limit: 9.0

F.P. Method:

Fire Extinguishing Media: Water spray or fog, dry chemical, carbon dioxide, chemical or alcohol-resistant foam

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be ineffective, but may be used to cool fire-exposed containers. DO NOT use straight streams of water. Cool containers with flooding amounts of water until well after fire is out.

Unusual Fire and Explosion:

Vapors from this product may travel some distance from original point to an ignition source and flash back. Containers may explode in heat of fire.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (earth, sand, or vermiculite recommended; do not use flammable substances such as sawdust). Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid inhalation and ingestion. Wash thoroughly after handling.

Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

MSDS - Material Safety Data Sheet

Product Name: Rest-O-Plas

MSDS No.: RPR1006

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: 77 C

Melting Point: -83 C

Evaporation Rate (Butyl Acetate = 1): 6.0

Vapor Pressure (mm Hg.): 100

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): 3.0

Solubility In Water: Moderate

Appearance and Odor: Clear liquid; fruity odor

Other Information:

X. Stability and Reactivity:

Stability:

Unknown

Incompatibility (Materials to Avoid):

Ignition sources (heat, open flame, spark), acids, lithium aluminum hydride + 2-chloromethylfuran, lithium tetrahydroaluminate, oleum, potassium t-butoxide, nitrates, strong oxidizers, strong alkalis

Decomposition/By Products:

Hazardous Polymerization:

Has not been reported.

XI. Toxicological Information:

May be harmful if inhaled. May cause central nervous system depression. May cause liver and kidney damage.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

RCRA U-Series: Waste no. U112 (Ignitable waste)

XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Avoid contact with skin, eyes, and clothing. Avoid inhalation and ingestion. Wash thoroughly after handling.

IATA

Shipping name: Ethyl acetate

Hazard class: 3

UN no.: 1173

Packing group: II

Flammable liquid!

MSDS - Material Safety Data Sheet

Product Name: Rest-O-Plas

MSDS No.: RPR1006

XV. Regulatory Information:

Ethyl acetate is listed on the TSCA inventory.

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.