

MSDS - Material Safety Data Sheet**Product Name: Adhesive Release Agent**

MSDS No.: UNDU100

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:** 02/26/2009**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
3	Flammability
0	Reactivity
G	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
142825	Hydrotreated light distillate	90-100							2000 mg/m3	1600 mg/m3	

III. Hazardous Identification:**Hazard Category:**
 Acute Chronic Fire Pressure Reactive
Hazardous Identification Information:

FLAMMABLE!
Petroleum hydrocarbon distillate (N-Heptane)

May cause irritation. Harmful if swallowed or inhaled.

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

Eyes, Skin, Inhalation, Ingestion

Health Hazards (Acute and Chronic):

ACUTE: Irritation to skin, respiratory system and gastrointestinal tract.

CHRONIC: Central nervous system depression.

Signs and Symptoms:

Inhalation of vapors may cause coughing, chest pains, or nose and throat irritation.
Liquid may be irritating to the eyes. Liquid may cause dermatitis. Ingestion may cause nausea, vomiting, headaches, dizziness, gastrointestinal irritation. Chronic effects of overexposure may include central nervous system depression.

Medical Conditions Generally Aggravated by Exposure:

None identified.

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Emergency and First Aid Procedures:

Eyes and Skin: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing.

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen.

Ingestion: Do not induce vomiting. Contact a physician.

Other Health Warnings:

Target organs: skin, respiratory system, peripheral nervous system.

This material contains no known ingredients restricted under SARA Title III in amounts greater than 1%.

V. Fire Fighting Measures:

Flash Point: -4C

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: Use alcohol foam, dry chemical or carbon dioxide. Water may be ineffective.

Special Fire Fighting Procedures:

Firefighters should wear protective equipment and self-contained breathing apparatus with full face shield operated in a positive pressure mode. Move containers from fire area if this can be done without risk. Use water to cool fire exposed containers.

Unusual Fire and Explosion:

Closed containers may explode.

VI. Accidental Release Measures:

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

Wear suitable protective clothing. Shut off ignition sources: no flares, smoking or open flames in area. Stop leak if you can do so without risk. Use water vapor to reduce vapors. Pick up with inert material such as sand or other non-combustible materials.

VII. Handling and Storage:

Precautions to be Taken:

Avoid heat, flames and other ignition sources, strong oxidizing agents, chlorine, phosphorus, chlorosulfonic acid.

Other Precautions:

FLAMMABLE!

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only with adequate ventilation. Wear an organic vapor respirator.

Personal Protective Equipment:

Goggles, gloves, and organic vapor respirator.

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IX. Physical and Chemical Properties:

Boiling Point: 98C

Melting Point: -91C

Evaporation Rate (Butyl Acetate = 1): 4.3

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): 3.5

Solubility In Water: Less than 1%

Appearance and Odor: Volatile liquid with mold odor.

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Heat, flame, oxidizing agents, chlorine, phosphorus, and chlorosulfonic acid.

Decomposition/By Products:

Oxides of carbon.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Non-carcinogenic: NTP, IARC, ZLIST, OSHA

The toxicological properties of this material have not been fully investigated

XII. Ecological Information:

Do not allow to enter sewers or streams. May be harmful to some aquatic life.

XIII. Disposal Considerations:

Dispose of in accordance with all federal, state and local environmental regulations.

XIV. Transport Information:

Domestic DOT:

Proper shipping name: Heptanes

Hazard Class: Class 3,

UN No.: 1206

Flammable liquid.

XV. Regulatory Information:

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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.