



Material Safety Data Sheet: ARP 2500

RHINOTECH, INC

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1 - MATERIAL IDENTIFICATION

Product Name: ARP 2500 ADHESIVE REMOVER

Product Number: 2500 Date: 10/24/03

Manufacturer: RhinoTech, Inc.

Chemical family: Mixture

Material Use of Occurrence: Adhesive remover

Emergency Contact : CHEMTREC: 800-424-9300, Only in the event of a chemical emergency involving a spill, leak, fire, exposure or accident.

HMIS Hazard Ratings:

Health: 1	0 = None
Fire: 1	1 = Slight
Reactivity: 0	2 = Moderate
Special: NA	3 = Serious
	4 = Severe

2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA /PEL	ACGIH/TLV	OSHA Hazard
N-Methylpyrrolidone	872-50-4	N/A N/A		Skin, Eye
Proprietary Solvent Blend	**	NA	NA	Skin, Eye

**The exact composition for this mixture is considered to be a Trade Secret and is withheld in accordance with the provisions of 29 CFR 1910.1200. Complies with California SCAQMD rule 1171.(see section 10 "Regulations")

3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 292° F

Specific Gravity: 1.027 @ 25 C

Vapor Pressure: < 1.0 mm Hg @ 20C

Melting Point: NA

Vapor Density (air = 1):3.4

Evaporation Rate (butyl acetate = 1): Less than 1.0

Solubility in Water: Miscible

Appearance and Odor: Clear liquid with amine odor

pH =NA

4 - FIRE AND EXPLOSION DATA

Flash Point: 205 F (TOC)

Flammable Limits: LEL: 2.18 UEL: 12.20

Special Fire Fighting Procedures: Positive pressure self-contained breathing apparatus, NIOSH approved should be used. Containers exposed to fire should be cooled with water to prevent build-up of pressure.

Unusual Fire and Explosion Hazards: Flammable vapors may travel along ground and spread fire or be ignited by sparks or other source of ignition.

Extinguishing Media: As Appropriate for Surrounding Fire; Water Fog, Carbon Dioxide, Dry Chemical for small fires, AFFF foam for large fires.

5 - REACTIVITY INFORMATION

Stable: YES Unstable: Hazardous Polymerization Occurs: Does Not: X

Incompatibility: Strong Oxidizers, Alkalines, Acids

Hazardous Decomposition Products: Thermodecomposition may produce carbon monoxide and/or carbon dioxide

6 - Health Hazard Data

Routes of entry: Inhalation, skin or eye contact, ingestion.

Inhalation: Repeated or excessive inhalation of vapor, mist or spray can cause irritation, chemical pneumonia, dizziness and nausea.

Skin: Repeated or excessive contact can cause moderate irritation, defatting, dermatitis.

Eyes: Can cause severe irritation, redness, tearing, blurred vision.

Ingestion: Can cause nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonia which can be fatal.

7 - Emergency and First Aid Procedures

Inhalation:

Remove to fresh air. Use artificial respiration and oxygen if needed. If irritation persists, seek medical attention.

Skin:

Flush with large amounts of water. If irritation persists, seek medical attention.

Eyes:

Flush with water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.

Ingestion:

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat.
NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON, CALL PHYSICIAN IMMEDIATELY.

8 - Special Protection Information

Respiratory Protection:

Use NIOSH approved equipment suitable for nuisance mist when airborne exposure is excessive.
Provide ventilation to minimize exposure.

Protective Clothing:

Eyes: Wear splash proof goggles where exposure is possible.

Skin: Wear neoprene resistant gloves, boots and clothing. Have convenient safety showers.

9 - Precautions for Safe Handling and Use

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

Flush with copious amounts of water.

Waste Disposal Method:

Dispose of in accordance with local, state and federal authorities.

Precautions to Be Taken in Handling and Storing:

Keep containers closed tightly. Keep away from heat. Use non-sparking tools. **Keep out of reach of children**

10 - Regulatory and D.O.T. Shipping Information

Proper Shipping Name: Not regulated

Hazard Class: None

ID Number:

Label Requirements: None

Reportable Quantity: None

SARA, Title III: Reportable for Section 313 (Form R): N-Methylpyrrolidone CAS# 872-50-4 :50% max

California SCAQMD: Meets requirements of Rule 1171 for Solvent Cleaning in Screen Printing Operations.

Contains: 700 g/l VOC Composite Partial Pressure: Less than 5 mm Hg @ 25C

Canada EPA DSL Inventory: Consult RhinoTech, Inc. regarding status of ingredients.

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