

Rubber Polymer Corporation
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MATERIAL SAFETY DATA SHEET (MSDS)

MSDS FOR: Airtight Air Barrier
DATE: April 21, 2006
SUPERSEDES: January 1, 2006

**24 HOUR CHEMICAL
EMERGENCY RESPONSE NUMBER:
CHEM-TREC
1-800-424-9300
U.S.A and CANADA**

1. Identification:

Product Name: Airtight Air Barrier
D.O.T Name & Number: Resin Solution UN - 1866

2. <u>Hazardous Ingredients:</u>	Approximate Percentage	OSHA PEL	ACGIH TLV
Hydrocarbon Resin CAS 152698-66-3	15-25	None	None
Styrene-Isoprene Polymer CAS 25038-32-8	15-25	None	None
Toluene CAS 108-88-3	5-10	100 PPM	100 PPM (TWA)
Solvent Naptha Light Aliphatic CAS 64742-89-8	15-30	500 PPM	UNKNOWN
N-Heptane CAS 142-82-5	15-30	400 PPM	400 PPM

3. Physical / Chemical Characteristics:

Appearance & Odor: Yellow Colored Liquid, Hydrocarbon Odor
Specific Gravity: 0.8-0.9
Water Solubility: Slight
Weight: 7.5 lbs. per gallon
Boiling Point: 187° F

4. Fire & Explosion Hazard Data:

Flash Point: (TCC) 18° F
Flammable Limits: LEL UEL
(% BY VOLUME) 1% (% BY VOLUME) <7%

Extinguishing Media:

Special Firefighting Procedures: TREAT AS A HYDROCARBON FIRE
Unusual Fire and Explosion Hazard: Low Flash Hydrocarbon Solvent
N.F.P.A. Code: Health 1 Flammability 3 Reactivity 0

5. Health Hazard Data:

Primary Routes of Entry: Inhalation (X)
Skin (X)
Ingestion (X)

Medical Conditions Aggravated By Exposure: Chronic respiratory Disease

Acute Health Hazards & Exposure Symptoms:

Inhalation: Dizziness, headache, nausea. Extreme exposure can cause loss of consciousness, coma and death.

Skin: Irritation, rash.

Ingestion: Chemical pneumonia may result which can be fatal.

Chronic Health Hazards & Exposure Symptoms:

Inhalation: Long-term exposure can lead to damage of liver, kidneys and lungs and may cause permanent neurological damage.

Skin: Sensitivity may develop.

Ingestion: Not known

Carcinogenicity: Unavailable

Emergency First Aid Procedures:

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Skin: Flush skin with water. If irritation occurs, get medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

6. Reactivity Data:

Stable: Yes

Conditions to Avoid: Avoid heat, sparks, flame and contact with strong oxidizing agents.

Incompatibility: Unknown

Hazardous Decomposition Products: CO₂ and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will not occur.

7. Precautions For Safe Handling & Use:

Steps in Case of Spill: Eliminate all ignition sources. Ground handling equipment to prevent sparks. For large spills, evacuate unprotected personnel from the area.

Wear appropriate respirator and protective clothing.

Waste Disposal Method: Soak up residue with an absorbent such as clay or other inert powder. Place in non-leaking container; dispose waste in accordance with all federal, state and local regulations

Others: Empty containers may contain explosive vapors. Do not cut, drill, grind or weld on or near containers.

8. Special Protection Information:

Respiratory: Avoid prolonged or repeated breathing of vapors. If exposure exceeds occupational hazard limits, use a NIOSH-approved respirator to prevent over-exposure.

Ventilation: Use explosion-proof ventilation to control vapor concentrations as required. Air-dry contaminated clothing in a well ventilated area before laundering.

Other Protective Equipment: Wear chemical goggles if eye contact is likely. Wear protective clothing and gloves. Wear a NIOSH-approved respirator.

Work & Hygiene Practices: Wash hands before eating and smoking.

9. Special Precautions:

Handling & Storage: Store drums outside or inside in accordance with applicable government regulations. Avoid flame, sparks and ignition sources.

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