

# MATERIAL SAFETY DATA SHEET

**Trade Name:** P.V.A. MOULD RELEASE

**Chemical Family:** Alcohol

**Formula:** Mixture

**Manufacturer:** REXCO  
P.O. Box 80996  
Conyers, GA USA 30094

**Supplier:** COAST FIBER-TEK  
1306 Boundary Road  
Burnaby, BC V5K 4T6  
Tel.# (604) 294-8116

**Emergency Phone #'s:** 1-800-888-1060

**Transportation EMG. Phone #** CANUTEC (613) 996-6666  
(604) 930-0650

## **HAZARDOUS INGREDIENTS:**

<b>Water:</b>	56 – 61%	CAS # 7732-18-5
<b>Ethyl Alcohol:</b>	31 - 34 %	CAS # 64-17-15
<b>Acetic Acid Ethenyl Ester, Polymer with Eethenol:</b>	7 – 8%	CAS # 25213-24-5
<b>Butyl Alcohol</b>	1 - 2 %	CAS # 71-36-3

### Exposure Limits:

LD50 ingestion rat 7606 mg/kg  
LC50 Inhl. rat 20000 ppm / 10 hrs

## **PHYSICAL DATA:**

<u>Appearance &amp; Odour:</u>	watery green liquid, alcoholic odour
<u>Odour Threshold:</u>	N/A
<u>Vapour Pressure:</u>	26.67 mm/HG
<u>Vapour Density:</u>	(air = 1) 1.2
<u>Solubility in Water:</u>	complete
<u>Specific Gravity:</u>	(H <sub>2</sub> O = 1) 0.95
<u>Boiling Point:</u>	70 - 104EC

## **FIRE & EXPLOSION DATA:**

<u>Flashpoint &amp; Method:</u>	24°C (TC) Auto ignition Temperature: 354EC
<u>Flammable Limits:</u>	LFL 3.3%, UFL 18.7%
<u>Extinguishing Methods:</u>	CO <sub>2</sub> , dry chemical, water fog, water spray or alcohol resistant foam.
<u>Special Equipment &amp; Procedures:</u>	Self-contained breathing apparatus & complete protective clothing. Water may be unsuitable as an extinguishing media but helpful in keeping the adjacent containers cool in order to prevent container rupture. Avoid spreading burning liquid with water used for cooling purposes.

## **REACTIVITY DATA:**

<u>Conditions Contributing to Instability:</u>	Heat, sparks and open flame
<u>Incompatible Substances:</u>	Strong oxidizing agents, acids, alkalis and bases
<u>Hazardous Decomposition Products:</u>	CO, CO <sub>2</sub> , H <sub>2</sub> O
<u>Hazardous Polymerization:</u>	Will not occur.

## **HEALTH HAZARDS DATA:**

**NOTE:** Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.

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## **PRINCIPAL HEALTH HAZARDS:**

- Skin Contact:* Contact may cause dry skin, irritate skin or dermatitis
- Eye Contact:* Can cause eye irritation. Prolonged or repeated exposure may result in conjunctiva.
- Ingestion:* May cause nausea, vomiting, gastrointestinal bleeding, abdominal pain, and central nervous system depression with symptoms ranging from drunkenness to unconsciousness, narcosis, coma, respiratory failure, and death, depending on the quantity ingested.
- Inhalation:* Repeated or prolonged exposure may cause central nervous system depression, including headache, dizziness, loss of coordination, unconsciousness.

## **FIRST AID PROCEDURES:**

- Skin:* Remove contaminated clothing and launder before reuse. Wash with soap & water. Seek medical attention if irritation persists.
- Eyes:* Flush immediately with cold water for 15 minutes and seek medical attention.
- Ingestion:* Seek immediate medical attention. Only induce vomiting if directed to do so by medical personnel. If vomiting occurs, keep victims head below hips to prevent aspiration into lungs. If possible do not leave victim unattended.
- Inhalation:* Remove to fresh air, give oxygen or artificial respiration as required, seek medical attention.

## **PREVENTIVE MEASURES:**

- Skin:* Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.
- Eyes:* Chemical proof goggles or full face respirator if vapours cause eye irritation.
- Ingestion:* Wash thoroughly before consuming food stuffs.
- Inhalation:* Use only in well ventilated areas or use NIOSH or CAS approved respiratory protection with organic vapour cartridges.

## **CONTROL MEASURES & PRECAUTIONS**

Keep container tightly closed. **Do not** consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

## **SPILL, LEAK & DISPOSAL METHODS**

**Review fire and explosion hazards and safety precautions before proceeding with clean up.** Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

## **DISPOSAL METHOD**

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

## **SHIPPING INFORMATION**

Shipping Name: Alcohol N.O.S. (Ethyl Alcohol Mix)  
Hazard Class: 3  
UN/PIN #: 1987 III  
Flashpoint: 24°C  
WHMIS: N/A

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

**Preparation Date:** September 1, 2000  
**Prepared by:** Nigel Poore, 1306 Boundary Road, Burnaby, BC V5K 4T6  
**Telephone #:** (604) 294-8116  
**Revised Date:** January 18, 2007

N/A = Not Available