

Material Safety Data Sheet  
May be used to comply with:  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be:  
consulted for specific requirements:

U.S. Department of Labor  
Occupational Safety & Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY: **RAECO R-25 LATEX ADMIXTURE**

Revised 1-10-04

## **Section I**

Manufacturer Name: Raeco, Inc.  
Address: 915 S. Carstens Pl.  
P.O. Box 80545  
Seattle, Washington 98108  
(206) 763-1335

## **Section II - Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits
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Styrene/Butadiene Co-polymer Not Hazardous

Not a hazardous material as defined in title 29 CFR parts 1900 to 1910

## **Section III - Physical/Chemical Characteristics**

Boiling Point:	212F
Specific Gravity (H <sub>2</sub> O=1):	.98-1.04
Vapor Pressure (mm Hg.):	17.5 mm Hg @ 20C
Melting Point:	NA
Vapor Density (AIR=1):	.624 @ 80F
Evaporation Rate (Butyl Acetate=1):	NA
Solubility in Water:	Emulsion
Appearance & Odor:	White Liquid with Slight Odor

## **Section IV - Fire & Explosion Hazard Data**

Flash Point:	NA
Flammable Limits:	NA
Extinguishing Media:	NA

Special Fire Fighting Procedures: Water fog dried resin only. Wear positive pressure self-contained breathing apparatus.  
Unusual Fire & Explosion Hazards: As latex, material's not combustible; however dried resin is combustible similar to wood. Burning dried resin emits dense black smoke.

## **Section V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: NA  
Incompatibility (Materials to Avoid): Materials that react violently with water  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition or Byproducts: If dried film burns, it will produce carbon monoxide & hydrocarbons

## **Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation: Yes      Skin: Yes      Ingestion: No  
Health Hazard (Acute or Chronic): Vapor or mist can cause headache, nausea & irritation of the nose, throat, lungs & skin under prolonged contact. Slight irritation to eyes.  
Carcinogenicity: No      NTP: No      IARC Monographs: Yes      OSHA Regulated: No  
Signs & Symptoms of Exposure: Reddening of eyes & skin upon contact. Coughing upon inhalation of vapors.  
Medical Conditions: Hypersensitive individuals may develop allergic dermatitis  
First Aid Procedures: Flush eyes with large amounts of water for at least 15 minutes, wash affected area with soap & water, see physician if irritation persists.

## **Section VII - Precautions for Safe Handling & Use**

Steps to Take in Case Material is Released or Spilled: Floor will be slippery; use care to avoid falling. Contain spills with sand or earth. Transfer to containers for recovery or disposal.  
Waste Disposal Method: Coagulate the emulsion by stepwise addition of ferric chloride & lime. Remove the supernatant liquid & flush to chemical sewer. Landfill/incinerate.  
Precautions to Be Taken in Handling & Storing: Keep from freezing, keep temperatures below 100C.

## **Section VIII - Control Measures**

Respiratory Protection: Not required with good ventilation. OSHA approved respirator  
Ventilation: Local      Exhaust: Yes      Mechanical: NA      Other: No  
Protective Gloves: Impervious      Eye Protection: Splash goggles  
Other Protective Clothing or Equipment: None  
Work/Hygienic Practices: Normal care & cleanliness will prevent adverse health effects.