



4516 Anceheim Ave. NE
Albuquerque, NM 87113
(505) 821-7620

Material Safety Data Sheet
Material/Trade Name: Vacu-film
Stock Number(s): 702-148, 152 >> 153
MSDS Code: RIO-162

SECTION I PRODUCT/SUPPLIER INFORMATION

Material/Trade Name:	Vacu-film	Emergency Telephone No.:	(800) 255-3924
Synonyms:	Mixture	Nonemergency Safety/Technical Information Telephone No.:	(505) 821-7620
Stock Numbers:	702-148, 152 >> 153	Supersedes our version dated:	03/03/87
		Based on Manufacturer's MSDS:	03/03/87
		DATE PREPARED:	11/29/94

SECTION II INGREDIENT/EXPOSURE LIMIT INFORMATION

Component (synonym)	%	CAS No.	TLV	PEL	REL
Ethyl Alcohol		64-17-5	1000 ppm	1000 ppm	1000 ppm
Methyl Alcohol		67-56-1	200 ppm (sk) 250 ppm (a)	200 ppm	200 ppm (sk) 250 ppm (a)
Ethyl Acetate		141-78-6	400 ppm	400 ppm	400 ppm
Methyl Isobutyl Ketone		108-10-1	50 ppm	100 ppm	50 ppm 75 ppm (a)
Gasoline		8006-61-9	300 ppm 500 ppm (a)	N.E.	15 ppm
Sodium Dioctyl Sulfosuccinate		577-11-7	N.E.	N.E.	N.E.
Sodium Benzoate		532-32-1	N.E.	N.E.	N.E.
Isopropyl alcohol		67-63-0	400 ppm 500 ppm (a)	400 ppm 500 ppm (a)	400 ppm 500 ppm (a)
Glycerine		56-81-5	10 mg/m ³ (TP)	15 mg/m ³ (TP) 5 mg/m ³ (RF)	N.E.

Sk = Skin designation, a = Short Term Exposure Limit (STEL)
TP = Total Particulate (Dust), RF = Respirable Fraction, N.E. = None Established

SECTION III PHYSICAL PROPERTIES

Vapor Pressure (mm Hg):	Not Available	Specific Gravity:	Not Available
Vapor Density (Air = 1):	Not Available	Boiling Point:	Not Available
Solubility in Water:	Not Available	Evaporation Rate:	Slower than ether
Appearance:	Red viscous liquid	Volatility (%):	99.9%
Odor:	Mild alcohol odor	pH:	Not Available
Melting Point:	Not Available		

SECTION IV FIRE AND EXPLOSION DATA

Flash Point:	Alcohol is approximately 55°F (13°C)	Flammable Limits:	LEL:	Unknown
Auto Ignition Temperature:	Not Available		UEL:	Unknown

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, Halon, alcohol foam

Special Fire Fighting Procedures: Use water spray to cool containers exposed to fire. Firefighters should wear full turnout gear and SCBA.

Unusual Fire and Explosion Hazards: Containers may explode if exposed to heat or fire.

SECTION V REACTIVITY DATA

Stable? Yes Conditions to Avoid: High temperatures

Incompatibility (Materials to Avoid): Oxidizers, acids and alkalies

Hazardous Decomposition Products: Oxides of carbon and sulfur



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Hazardous polymerization may occur? No Conditions to Avoid: None Known

SECTION VI HEALTH HAZARD DATA

Primary Routes of Exposure: Inhalation, eye and skin contact.

Acute Signs and Symptoms of Overexposure: Irritating to the eyes, skin and respiratory tract. Repeated contact with skin may cause drying and rash. Inhalation of mist or vapor may cause headache, drowsiness, nausea, dizziness, vomiting, light headedness, uncoordination, permanent or temporary loss of vision, diarrhea, constipation, ulcerations, fatigue, sleepiness, unconsciousness, and death.

Chronic Signs and Symptoms of Overexposure: Conjunctivitis (swelling of mucous membranes), headache, insomnia, giddiness, gastric disturbances, diminishment or loss of vision.

SECTION VI HEALTH HAZARD DATA (Continued)

Carcinogenicity? Yes	NTP	IARC	ACGIH	OSHA
Gasoline	No	PC2B	No	No

PC2B = Possibly carcinogenic to humans (group 2B)

Conditions That May Increase Overexposure Potential: The extent of exposure to this product will depend largely on the intensity and duration of product use. Employers who supply this product for use by their employees must determine the conditions under which overexposure can result.

Medical Conditions Generally Aggravated by Exposure: Respiratory disease, damaged skin

FIRST AID PROCEDURES:

- Eye Contact: Flush contaminated eye(s) with plenty of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately if irritation persists or if injury has occurred.
- Skin Contact: In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if contact is severe or irritation persists.
- Inhalation: Remove victim to fresh air. If breathing has stopped, properly trained personnel should begin artificial respiration or cardiopulmonary resuscitation (CPR) and medical assistance should be obtained immediately.
- Ingestion: Give large amounts of water and induce vomiting. Seek medical attention immediately.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Actions to Take For Spills: REMOVE SOURCES OF IGNITION OR HEAT. Provide adequate ventilation. Contain spill with absorbant material. Protect against over exposure.

Waste Disposal: Dispose of via a licensed firm in accordance with federal, state and local regulations (see EPA 40 CFR 261).

Precautions to be Taken in Handling and Storage: Store in closed containers in a cool, well ventilated area away from sources of ignition. Use adequate grounding to prevent static electricity build up.

Community Right-to-Know Requirements: SARA 302: Methyl Alcohol, RQ= 5000 lbs; Ethyl Acetate, RQ= 5000 lbs (EPA Extremely Hazardous Substance) (see 40 CFR 355).

SARA 313: Annual release reporting requirements for Methyl Alcohol (see 40 CFR 372.65).

SECTION VIII EMPLOYEE PROTECTION MEASURES

Ventilation: Local ventilation is preferred to meet TLV requirements. General ventilation is acceptable, if exposure is maintained below TLV.

Respiratory Protection: When airborne concentrations exceed TLV or are unknown, use a NIOSH/MSHA approved respirator of organic vapors in accordance with the OSHA respiratory protection requirements (29 CFR 1910.134).