

# 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 and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)  
PATTERN RELEASE 202

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name National Engineering Products Inc.	Emergency Telephone Number (800) 274-5263
Address (Number, Street, City, State, and ZIP Code) 5110 Ridgely Road, Suite 411 Bethesda MD 20816	Telephone Number for Information (301) 656-1688
	Date Prepared August 16, 2005
	Signature of Preparer (optional)

### Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Methylene Chloride (CAS# 75-09-2)	25	50	STEL 125 PPM	56
Propane (CAS# 74-98-6)		1000		34
Iso-Butane (CAS# 75-28-5)		1000		8

N.F.P.A. Registry: 2-1-0

HNIS: 2-1-OC+

UN: 1593

### Section III — Physical/Chemical Characteristics

Boiling Point Methylene Chloride	104 °F 40 °C	Specific Gravity (H <sub>2</sub> O = 1) Methylene Chloride	1.32
Vapor Pressure (mm Hg.) at 20 °C Methylene Chloride	340	Melting Point	N/A
Vapor Density (AIR = 1) Methylene Chloride	2.9	Evaporation Rate (Butyl Acetate = 1) (CCl <sub>4</sub> =1)	1.47

Solubility in Water  
Slight

Appearance and Odor

Colorless liquid-sweetish organic odor

### Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Iso-Butane -83 °C	Flammable Limits Iso-Butane	LEL 1.8	UEL 8.4
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Extinguishing Media

Foam or water

Special Fire Fighting Procedures

Methylene Chloride emits fumes when involved in a fire. Remove from area.

Use water spray on cans to keep them from overheating.

Unusual Fire and Explosion Hazards

Aerosol cans may detonate when exposed to fire.

