

MATERIAL SAFETY DATA SHEET

NAME: F-301 Retractable

CAS NO: NA

A-IDENTIFICATION															
<u>Composition</u> Ethyleneglycol monophenyl ether(122-99-6) Benzyl Alcohol(100-51-6) Dyestuff Resin			%		Formula: Mixture Molecular W: NA Synonyms:										
B-PHYSICAL DATA															
Boiling Point F 245 C			Melting Point NA F NA C			Freezing Point NA F NA C									
Specific Gravity 1.10-1.20			Vaper Density(air=1) 4.8			Vaper Pressure @ F mmHg NA									
Evaporation (Butyl Acetate=1) 1>			Saturation in Air (by volume@ F) NA			Autoignition Temperature NA F NA C									
% Volatiles NA			Solubility in Water Insolible			pH NA									
Appearance Odor Colored fluid															
Flash Point and Test Method(s) 121 C(Open)															
Flammable Limits in air (% by volume) Lower _____ % Upper _____ %															
C-REACTIVITY															
Stability		×		Stable		Unstable		Polymerization		may occur		×		will not occur	
<u>Condition to Avoid</u> Product is flammable. Avoid contact with open flame or other ignition sources.						<u>Condition to Avoid</u> NA									
<u>Incomprable Materials</u> Strong Oxidizers						<u>Hazardous Decomposition Products</u> Thermal degradation may produce oxides of carbon and nitrogen and various hydrocarbons.									
*IF MULTIPLE INGREDIENTS, INCLUDE CAS NUMBERS FOR EACH										NA=NOT AVAILABLE					
Physical data, except Specific Gravity , refers to Ethyleneglycol monopheny ether															

D-HEALTH HAZARD DATA	
Occupational Exposure Limits PEL's , TLV's , etc	
8-Hour TWA's:	NA
Warning Signals	
NA	
Routine / Effects of Exposure	

1. Inhalation	No adverse effects anticipated from normal use. If vapors are deliberately concentrated and inhaled (abuse), the following symptoms may occur, respiratory irritation, dizziness, drowsiness, headache, nausea, unconsciousness, convulsions, cardiac sensitization, coma and death.
2. Ingestion	No adverse effects anticipated from normal use. Depending on amount ingested, most of the symptoms described above may occur. Estimated LD50 in rat is 3,000mg/Kg. Aspiration may result in chemical pneumonitis.
3. Skin	<p><u>a.Contact</u></p> <p>No adverse effects anticipated from normal use. Irritation may occur if contact is prolonged / repeated.</p> <p><u>b.Absorption</u></p> <p>No adverse effects anticipated from normal use. Solvent can be absorbed through skin (prolonged contact), but not likely in acutely toxic amounts.</p>
4. Eye Contact	If splashed into eye, irritation can occur.
5. Other	NA

E-ENVIRONMENTAL IMPACT

1. Applicable regulations	NA
2. DOT Hazard Class	
3. DOT Shipping Name	
Environmental Effect	NA

F-EXPOSURE CONTROL METHODS

Engineering Controls	None under normal use conditions.
Eye Protection	None under normal use conditions.
Skin Protection	None under normal use conditions.
Respiratory Protection	None under normal use conditions.
Other	Product is non-hazardous when used as directed in an office/room with normal air condition.

G-WORK PRACTICES

Handling and Storage	Product is flammable. No unusual handling or storage when used as directed; when stored in large quantities (as in warehouse), it should be in a well-ventilated, cool area, away from ignition sources.
Normal Clean Up	Pick up spills with towels, tissues, etc.
Waste Disposal Methods	Dispose in accordance with applicable federal, state and local laws.

H-EMERGENCY PROCEDURES

Steps to be taken if material is released to the environment or spilled in the work area

Not applicable

Fire and Explosion Hazard

Product is flammable .

May produce hazardous decomposition products .

Extinguishing Media

Dry chemical , foam , carbon dioxide .

Firefighting Procedures

In fires involving large quantities of product , use self-contained breathing apparatus .

Cool fire-exposed containers with water fog/spray .

I-FIRST AID AND MEDICAL EMERGENCY PROCEDURES**Eyes**

Flush eyes with plenty of water . If irritation persists , obtain medical attention .

Skin

Wash with soap and water .

Inhalation

No adverse effects anticipated from normal use . In an abuse situation , remove from source of exposure .

Treat symptomatically . Oxygen may be administered . Seek medical attention immediately and refer to "Note to

Physician" below .

Ingestion

Consult physician.

Note to Physician

Contains Ethyleneglycol monophenyl ether and Benzyl Alcohol which if aspirated , may cause chemical pneumonitis .

The inhalation of concentrated vapors may produce cardiac sensitization , contraindicating the use of sympathomimetic agents.