



# MATERIAL SAFETY DATA SHEET

## PRODUCT IDENTIFICATION

FILL-N-FLEX (Part A)

Product code : All Colors

MSDS DATE : 4/20/2004

Supersedos : 8/9/1991

Hazard Rating		Scale
Toxicity	0	4=EXTREME
Fire	0	3=HIGH
Reactivity	0	2=MODERATE
Special	-	1=SLIGHT
		0=INSIGNIFICANT

## COMPONENT INFORMATION

### No.

- 1 Bisphenol F Resin
- 2 Bisphenol A Resin
- 3 Epichlorohydrin (<5 ppm)

### CAS REG NO. LD<sub>50</sub> Specs

- |            |                     |
|------------|---------------------|
| 28064-14-4 | 4000 mg/kg (rabbit) |
| 25085-99-8 | 5000 mg/kg (rat)    |
| 106-89-8   | 175 mg/kg (rat)     |

# EMERGENCY RESPONSE INFORMATION

## FIRST AID PROCEDURES

### INHALATION

Move subject to fresh air. If breathing labored administer oxygen. Call physician.

### EYE CONTACT

Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

### SKIN CONTACT

Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for 10 minutes. It is not recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin

### INGESTION

Induce vomiting only if person is conscious. Consult a physician.

## FIRE FIGHTING INFORMATION

### UNUSUAL HAZARDS

When mixed with strong acids (organic/inorganic), strong oxidizing agents and bases

### EXTINGUISHING AGENTS

Use the following extinguishing media when fighting fire involving this material: Carbon Dioxide-dry chemical-water spray.

### PERSONAL PROTECTIVE EQUIPMENT

Remove all ignition sources. As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

### SPECIAL PROCEDURES

None.

CONTINUED



**SPILL OR LEAK HANDLING INFORMATION**

**PERSONAL PROTECTION**

Wear a MSHA/NIOSH approved respirator.

**PROCEDURES**

Remove all possible sources of ignition or polymerization. Equip personnel with proper protection. Dike in spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.

**HAZARD INFORMATION**

**HEALTH EFFECTS FROM OVEREXPOSURE**

**PRIMARY ROUTES OF EXPOSURE**

Inhalation. Skin Contact. Eye Contact.

**INHALATION**

Inhalation is unlikely except at elevated temperatures and may cause an allergic reaction.

**EYE CONTACT**

This material is moderately irritating to the eye

**SKIN CONTACT**

This material can be a skin irritant.

**INGESTION**

Will cause illness

**CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERAOGENICITY, MUTAGENICITY**

A two year painting study on rodents shoed rodents showed no significant carcinogenic effect.

**FIRE AND EXPLOSIVE PROPERTIES**

Flash Point . . . . .	482°F	Seta Flash - Closed Cup
Lower explosive limit . . . . .		N/A
Upper explosive limit . . . . .		N/A

**REACTIVITY INFORMATION**

**INSTABILITY**

This material is considered stable.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fumes produced when heated to decomposition may include: Carbon monoxide, carbon dioxide, acrid smoke and phenolics.

**HAZARDOUS POLYMERIZATION**

Will auto polymerize at very high temperatures.

**INCOMPATIBILITY**

(Materials to avoid) Strong acids, bases and oxidizers.

**ACCIDENT PREVENTION INFORMATION**

**PERSONAL PROTECTION MEASURES**

**RESPIRATORY PROTECTION**

If vapors are present, use a NIOSH/MSHA approved positive pressure, supplied respirator.

**EYE PROTECTION**

If potential for splashing is present, splash goggles or a full face shield should be worn.

**HAND PROTECTION**

For operations with contact wear impervious gloves (neoprene recommended).

**CONTINUED**



**FACILITY CONTROL MEASURES**

**VENTILATION**

Use and store only with adequate ventilation or use respiratory protection.

**STORAGE AND HANDLING INFORMATION**

**STORAGE CONDITIONS**

Avoid contamination of skin. Discard contaminated shoes. Wash clothing.

**SUPPLEMENTAL INFORMATION**

**TYPICAL PHYSICAL PROPERTIES**

Appearance	Clear, viscous liquid.
Color	Pale Yellow
State	Liquid
Odor Characteristic	Mild aromatic odor
Vapor Density (Air = 1)	> 1
Boiling point	No Data
Solubility in water	Negligible
Evaporation rate (BAC = 1)	Slower than n-Butyl Acetate
Specific Gravity	1.203
Vapor Pressure	1.0 mm Hg

**WASTE DISPOSAL**

**PROCEDURE**

Remove contaminated materials for disposal as a hazardous waste at a permitted facility using registered transports. Dilute aqueous waste as biodegradable.

**REGULATORY INFORMATION**

**WORKPLACE CLASSIFICATIONS**

This product does not contain any ingredients listed as hazardous substances.

**TRANSPORTATION CLASSIFICATIONS**

D.O.T. Not regulated.

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