



Revision Date 25-May-2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 97642
Product name Fluid Power Sealant
Recommended Use Adhesive / Sealant
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Mild eye irritation. May cause skin irritation and/or dermatitis.

Color Red

Odor Mild

Form Liquid

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Skin contact. Eyes.

Potential health effects

Eyes May cause slight irritation.

Skin Prolonged skin contact may cause skin irritation and/or dermatitis.

Inhalation No adverse affects expected.

Ingestion No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Dimethacrylate Ester	25852-47-5	60-100
Bisphenol A Fumurate Resin	39382-25-7	20-30
Saccharin	81-07-2	1-3
Polyethylene	9002-88-4	1-3
Cumene hydroperoxide	80-15-9	1-3
Fumed Silica	112945-52-5	0.1-1.0
Organic Acid	Trade Secret	0.1-1.0
Dyes	Trade Secret	0.1-1.0

4. FIRST AID MEASURES

Eye contact	Flush eyes with plenty of water. Seek medical attention if irritation persists.
Skin contact	Wash area thoroughly with soap and water. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Keep calm. Seek medical attention.
Inhalation	No information available.

5. FIRE FIGHTING MEASURES

Flash point °C	> 93
Flash point °F	> 200
Method	Tag closed cup
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Flammability Limits (% in Air)	
Upper	No data available
Lower	No data available

Suitable extinguishing media
Foam. Dry chemical. Carbon dioxide.

Extinguishing media which must NOT be used for safety reasons
No information available.

Special Fire-Fighting Procedures

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Soak up with inert absorbent material. Collect and contain for disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing.

Storage

Store in temperatures below 100 degrees F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Dimethacrylate Ester	-	-	-	-
Bisphenol A Fumarate Resin	-	-	-	-
Cumene hydroperoxide	-	-	-	-
Saccharin	-	-	-	-
Polyethylene	-	-	-	-
Organic Acid	-	-	-	-
Dyes	-	-	-	-
Fumed Silica	-	-	-	-

Ventilation and Environmental Controls

Normal ventilation is adequate.

Hygiene measures

No information available

Personal protective equipment

Respiratory protection

None necessary under normal conditions.

Hand protection

Polyethylene Gloves. Rubber gloves. Neoprene gloves.

Eye protection

Wear safety glasses with side shields. Goggles.

Skin and body protection

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Color	Red
Odor	Mild	Odor Threshold	No information available
pH	No data available	Specific Gravity	1.1
Vapor pressure	< 5 mmHg @ 200F	Vapor density	3 (air=1)
Evaporation Rate	No data available	VOC Content	No data available
Water solubility	Negligible	Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °F	> 300	Boiling point/range °C	> 149
Melting point/range °F	No data available	Melting point/range °C	No data available
Flash point °F	> 200	Flash point °C	> 93

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

No information available

Materials to avoid

Strong oxidizers. Inert gases.

Hazardous decomposition products

Irritating organic vapors.

Polymerization

Will not occur.

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
<i>Dimethacrylate Ester</i> 25852-47-5	-	-	-
<i>Bisphenol A Fumarate Resin</i> 39382-25-7	-	-	-
<i>Cumene hydroperoxide</i> 80-15-9	382 mg/kg	-	220 ppm
<i>Saccharin</i> 81-07-2	-	-	-
<i>Polyethylene</i> 9002-88-4	-	-	12 g/m ³
<i>Organic Acid</i> Trade Secret	-	-	-

Dyes Trade Secret	-	-	-
Fumed Silica 112945-52-5	3160 mg/kg	-	-

Potential health effects**Sensitization**

No information available.

Chronic toxicity

No information available.

Mutagenic effects

No information available.

Teratogenic effects

No information available

Reproductive toxicity

No information available

Target Organ Effects

No information available

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Dimethacrylate Ester	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Bisphenol A Fumarate Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Cumene hydroperoxide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Saccharin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Polyethylene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Organic Acid	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dyes	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fumed Silica	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

As supplied, this product is classified as non-hazardous waste according to RCRA regulations. Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT

Not Regulated

TDG

Not Regulated

IMDG/IMO

Not Regulated

IATA

Not Regulated

MEX

Not Regulated

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Cumene hydroperoxide	Listed
Saccharin	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Dimethacrylate Ester	Not Listed	Not Listed	Not Listed
Bisphenol A Fumurate Resin	Not Listed	Not Listed	Not Listed
Cumene hydroperoxide	Listed	Listed	Not Listed
Saccharin	Not Listed	Listed	Not Listed
Polyethylene	Not Listed	Not Listed	Not Listed
Organic Acid	Not Listed	Not Listed	Not Listed
Dyes	Not Listed	Not Listed	Not Listed
Fumed Silica	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Dimethacrylate Ester	-	X	-	X
Bisphenol A Fumurate Resin	-	X	-	X
Cumene hydroperoxide	X	X	-	X
Saccharin	X	X	-	X
Polyethylene	-	X	-	X
Organic Acid	-	-	-	-
Dyes	-	-	-	-
Fumed Silica	-	X	-	-

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	1	Health	1
Flammability	1	Flammability	1
Reactivity	1	Physical Hazard	1

Reason for revision No information available.

Prepared By T. Heidorn, MSDS Project Lead

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.