

80017

Alcan Rubber & Chemical MSDS for Alcanplast EEO

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION		
Product Name: Epoxidized Soybean Oil		CAS #: 8013-07-5
Chemical Name: Epoxidized Soybean Oil	Chemical Family: Ester	Chemical Formula: Epoxidized Triglycerides
		Material Use: plasticizer

Supplied by: ALCAN RUBBER & CHEMICAL, INC.
 3570 Executive Dr. Suite 102
 Uniontown, Ohio 44688-8712
 Tel: 330-896-0355 or 800-200-4753

Date: 8-28-97

SECTION 2: HAZARD IDENTIFICATION				
	Approximate Concentration	CAS Number	Exposure limits	LD50 / LC50 Specify Species and Route
Epoxidized Soybean Oil	100%	8013-07-5	OSHA-PEL: 15 mg/m3 ACGIH-TLV: 10 mg/m3	Oral LD50: None Established Dermal LD50: No data found

Emergency Overview: May cause allergic skin and respiratory reaction (difficulty in breathing). Causes eye and skin irritation.
 Avoid inhalation due to potential respiratory irritation.

Primary Routes of Exposure: Eyes, skin, inhalation (breathing).

Eye Contact: Incidental contact is not expected to cause irritation.

Skin Contact: Prolonged or repeated contact may cause irritation.

Inhalation (Breathing): Can be irritating to the eyes, nose and respiratory tract following prolonged exposure.

Ingestion (Swallowing): Can cause nausea, vomiting, pain and general upset stomach conditions (e.g., diarrhea)

Target Organs / Chronic Effects: None known

Conditions Aggravated by exposure: None known

Carcinogenicity: ACGIH - Not determined
 IARC - Not determined
 NTP - Not determined
 OSHA - Not determined

OTHER COMMENTS:

This product is considered safe and there is nothing that leads us to believe it is harmful in any way.
 As with all chemicals, minimize exposure to liquids, vapors, mists and fumes as individuals have different reactions to different chemicals.

SECTION 3: EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove from exposure. If breathing is difficult or has stopped, administer artificial respiration (mouth-to-mouth) or oxygen as indicated. Call a physician

SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with soap and plenty of water. Call a physician.
 Wash contaminated clothing separately

EYE CONTACT: Flush with large quantities of lukewarm water for at least 15 minutes. Call Physician.

INGESTION: Give 1-2 large glasses of water or milk. Induce vomiting by touching finger to back of throat. Never give anything by mouth to an unconscious person. Call a Physician.

Notes to Physicians: Treatment should be directed at preventing absorption. Administer to symptoms and give supportive therapy.

Prolonged or repeated contact may cause defatting of the skin. No other chronic health hazard information is available.

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ODOR and Appearance: clear viscous liquid	Density (g/ml): NA	Specific Gravity @ 25 C: .922	Vapour Density (air=1): NA
Vapor Pressure (mm): <1	PH: Neutral	Evaporation rate: NA	% Volatiles (by volume): NA
Water solubility: NA		Freezing Point (C): NA	Coefficient of water/oil distribution: NA
		Boiling Point (F): >580	Odor Threshold (ppm): ND

Chemical Stability: Yes Conditions to Avoid: material being heated above decomposition temperature.

Incompatibility to other substances: Avoid Strong Oxidizers

Reactivity: N/A

Hazardous Decomposition Products: Thermal Decomposition may yield oxides of carbon and nitrogen.

Acute Toxicity: This material has not been tested for acute toxicological effects.

Oral LD50	Rat	To be determined
	Mouse	To be determined
Eye Irritation	Rabbit	To be determined
Skin Irritation	Rabbit	To be determined

Subchronic effects: This material has not been tested for subchronic toxicological effects.

Chronic Effects / Carcinogenicity: This material has not been tested for chronic toxicological effects.

Components listed as Carcinogens by regulatory agencies:

OSHA: None listed IARC: None listed NTP: None listed

Mutagenicity: This material has not been tested for mutagenic effects.

Reproductive Effects: This material has not been tested for reproductive effects.

BOD5 and COD: The BOD5 has not been determined but it is surely very low.
Products of Biodegradation: Carbon dioxide and water.

Disposal: Dispose of according with all local, state and federal regulations.

General Statements: Federal regulations may apply to empty containers. State and/or local regulations may be different.

General Recommendations: Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability.
1) recycle or rework, if feasible; 2) incinerate at an authorized facility; 3) treat at an acceptable waste treatment facility.

Special Instructions: Be sure to contact the appropriate government environmental agencies if further guidance is required.

This product is not regulated for Ground, Air or Ocean Transportation.

DOT LABEL: Not applicable

DOT SHIPPING NAME: Not regulated

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Federal:

This product is not regulated by the Federal Government. It does not contain any ozone depleting substances (ODS), nor are any used in the manufacturing of this material.

This material does not contain any heavy metals.

TSCA (Toxic Substances Control Act): This material or its components are on the Chemical Substance Inventory List.

OSHA (Occupational Safety and Health Act): Not Determined.

SARA (Superfund Amendments and Reauthorization Act) Title III 1980.

Section 311 & 312 and 40 CFR 355: Chemicals present in this product regulated by this statute.

NONE

Section 316 and 40 CFR 372: Chemicals present in this product regulated by this statute:

NONE

DOT: Not a DOT controlled material (United States)

State Regulations:

California Proposition 65: Components present in this product known by the State of California to cause cancer, birth defects or other reproductive harm:

NONE

CONEG: No data available

Canada:

DSL (Domestic Substance List): All components are in compliance with CEPA

WHMIS: Not regulated by WHMIS

HMRA: Not registered

TDG Classification: Not controlled under TDG

PN: Not applicable

European Union:

ELINCS (European Inventory of Existing Commercial Chemical Substances) status: All components are in compliance with this requirement.

Classification: No information available.

HMIS RATING (Hazardous Materials Identification System, Scale 0-4)

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

NFPA RATINGS (National Fire Protection Association, Scale 0-4)

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

We believe the above information is taken from sources or based on data believed to be reliable; however, Alcan Rubber & Chemical, Inc. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.

Alcan recommends that any user of the above mentioned material consult an appropriate regulatory agency or consultant with any additional questions or concerns not mentioned in above MSDS.

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