Elastomer Adhesive Series



FLUOROELASTOMER SPECIALISTS

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PRODUCT NUMBERS: PRODUCT DESCRIPTION/USE: CHEMICAL FAMILY NAME: U.N. NUMBER: U.N. DANGEROUS GOODS CLASS: SUPPLIER/MANUFACTURER'S NAME: ADDRESS: **EMERGENCY PHONE:** BUSINESS PHONE: WEB SITE: DATE OF PREPARATION: DATE OF CURRENT REVISION:

Elastomer Adhesive Series A, AAFSC, ABR, AG, AT,AW, E4503 Elastomer based adhesive used in a variety of applications. Elastomer Adhesives UN1133 Adhesives (Containing flammable liquids), Class 3, PGII Eagle Elastomer, Inc. P.O. Box 939, Cuyahoga Falls, Ohio 44223 USA (330) 923-7070 (330) 923-7070 (Product Information) www.eagleelastomer.com October 7, 2010 October 11, 2022

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a viscous liquid, with varying colors and a solvent like odor.

Health Hazards: Harmful or fatal if swallowed. Harmful if inhaled or absorbed through skin. Affects central nervous system. Causes irritation to skin, eyes and respiratory tract.

Flammability Hazards: This product is Flammable with a flash point of >-9°C (16°F) CC

Reactivity Hazards: None known.

Environmental Hazards: The environmental effects of this product have not been investigated; however it is not expected to cause significant adverse effects.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS



Complies with WHMIS 2015



GHS LABELING AND CLASSIFICATION:

CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1910.1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910.1200 (USA) and the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. **Component(s) Contributing to Classification(s)**

All ingredients

GHS Hazard Classification(s): Flammable Liquid Category 2 Carcinogenic Category 2 Eye Irritant Category 2B Skin Irritant Category 2 STOT SE Category 3

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Hazard Statement(s):

- H225: Highly flammable liquid and vapor
- H351: Suspended of causing cancer
- H320: Causes eye irritation
- H315: Causes skin irritation
- H335: May cause respiratory irritation
- H336: May cause drowsiness and dizziness

Response Statement(s):

P332+P313: If skin irritation occurs: Get medical advice/attention

P337+P313: If eye irritation persists: Get medical advice/attention

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

P308+P313: IF exposed or concerned: Get medical advice/attention

Other Known Hazards:

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Precautionary Statement(s):

P210: Keep away from heart/sparks/open flames/hot surfaces. P261: Avoid breathing dust/fume/vapors P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P271: Use only in well ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection

Storage Statement(s):

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

This product has not been tested against the criteria for PBT or vPvB in accordance with Annex VII. No other hazards known.

HAZARDOUS					GHS HAZARD
INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	CLASSIFICATION(S);
Methyl Ethyl Ketone	78-93-3	201-159-0	0179	65 - 75%	H225: Flammable Liquid Cat 2, H319: Eye Irritant Cat 2, H336: STOT SE Cat 3
Viton Elastomer	9011-17-0	618-470-6	Not Listed	20 – 30%	Not Classified
Calcium Carbonate	471-34-1	207-439-9	1193	0 – 15 %	H315: Skin Irritant Cat 2, H319: Eye Irritant Cat 2, H335: STOT SE Cat 3
Methanol	67-56-1	200-659-6	0057	0 – 10%	H225: Flammable Liquid Cat 2, H351: Carcinogenicity Cat 2
Carbon Black	1333-86-4	215-609-9	0471	0-4%	H351: Carcinogenicity Cat 2
Pthalocyanine Green	1328-53-6	215-524-7	Not Listed	0 - 3%	Not Classified
Magnesium oxide	1309-48-4	215-202-6	Not Listed	0 – 2%	Not Classified
Barium Sulfate	7727-43-7	231-784-4	0827	0 - 2%	Not Classified
Triallyisocyanurate	1025-15-6	213-834-7	Not Listed	0 – 2%	H312: Acute Dermal Toxicity Cat 4
Balance of other ingredients are carcinogens, reproductive toxins,			in concentration	(or 0.1% for	

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

NOTE: * NOTE: The actual concentration is being withheld per WHMIS 2015 and OSHA HazCom 2012.

This product has been classified in accordance with the hazard criteria of 29CFR1910.1200 and the SDS contains all the information required by WHMIS, EU Directives and the Japanese Industrial Standard *JIS Z* 7250: 2000

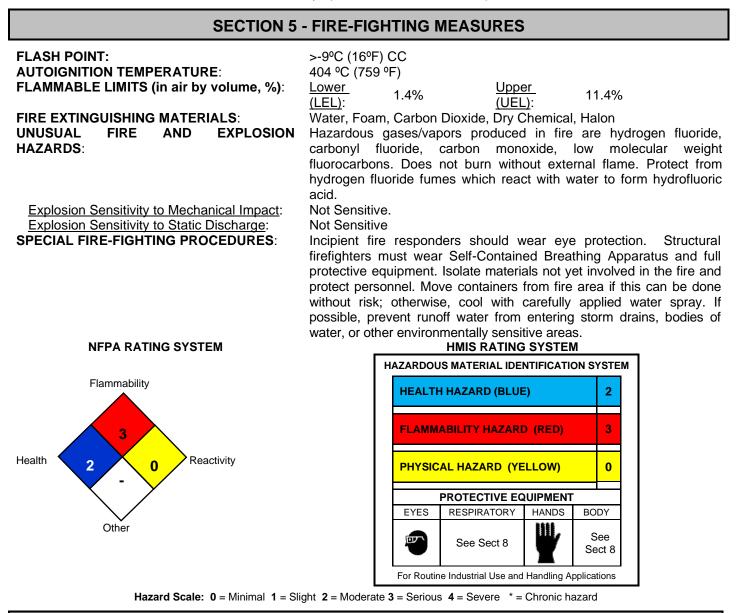
SECTION 4 - FIRST-AID MEASURES

- **EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water. Remove contact lenses if easy to do, continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.
- **SKIN CONTACT:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing immediately. Launder contaminated clothing before re-use.
- **INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing dificulty continues.
- **INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye or respiratory problems may be aggravated by exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.



SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.

SPILLS: Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Always dispose of waste according to current applicable laws and regulations and product characteristics at time of disposal.

Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing heated vapors generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

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STORAGE AND HANDLING PRACTICES: Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Separate from incompatibles. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid).

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm
Viton Elastomer	9011-17-0	10 mg/m ³ (Total Dust)	15 mg/m ³ (Total Dust)
Calcium Carbonate	471-34-1	10 mg/m ³ (Total Dust)	15 mg/m ³ (Total Dust)
Methanol	67-56-1	200 ppm	200 ppm
Carbon Black	1333-86-4	3.5 mg/m ³	3.5 mg/m ³
Pthalocyanine Green	1328-53-6	Not Listed	Not Listed
Magnesium oxide	1309-48-4	10 mg/m ³	10 mg/m ³
Barium Sulfate	7727-43-7	10 mg/m ³ (Total Dust)	15 mg/m ³ (Total Dust)
Triallyisocyanurate	1025-15-6	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE (Physical State) and COLOR: ODOR: ODOR THRESHOLD: pH: MELTING/FREEZING POINT: BOILING POINT: FLASH POINT: EVAPORATION RATE (n-BuAc=1): FLAMMABILITY (SOLID, GAS): UPPER/LOWER FLAMMABILITY OR EXPLOS LIMITS: VAPOR PRESSURE (mm Hg @ 20°C (68°F): VAPOR DENSITY: RELATIVE DENSITY: SPECIFIC GRAVITY: SOLUBILITY IN WATER:	This product is viscous liquid, we solvent like odor Slight odor Solvent like Not Available Not Available Not Available Not Available >-9°C (16°F) CC Not Available Not Available 11.4 / 1.4 78 @ 20 °C (68 °F) 1.77 – 1.86 2.5 Not Applicable <1	with varying color and a
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Insoluble

Not Available

Not Available

Not Available

Not Available

Not Applicable 404 °C (759 °F)

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WEIGHT PER GALLON:

PARTITION COEFFICENT (n-octanol/water): AUTO-IGNITION TEMPERATURE: DECOMPOSITION TEMPERATURE: VISCOSITY: VOC:

OTHER INFORMATION:

No additional information available at this time.

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces noxious gases such as Hydrogen fluoride, perfluoroolefine, carbonyl fluoride, fluorinated hydrocarbons and fluorinated olefins.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Oxidizing materials, caustics, amines, ammonia, strong bases, chloroform, chlorosulfonic acid, oleum, potassium-t-butoxide, heat or flame, hydrogen peroxide, nitric acid.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Ignition sources, incompatible materials

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50	
Methyl Ethyl Ketone	78-93-3	2737 mg/kg	6480 mg/kg	23,500 mg/m3/8-hr	
Viton Elastomer	9011-17-0	No Data	No Data	No Data	
Calcium Carbonate	471-34-1	No Data	No Data	No Data	
Methanol	67-56-1	No Data	No Data	No Data	
Carbon Black	1333-86-4	15400 mg/kg	3000 mg/kg	No Data	
Pthalocyanine Green	1328-53-6	No Data	No Data	No Data	
Magnesium oxide	1309-48-4	No Data	No Data	No Data	
Barium Sulfate	7727-43-7	No Data	No Data	No Data	
Triallyisocyanurate	1025-15-6	No Data	No Data	No Data	
Acute Toxicity		Based on available data	a, the classification c	riteria are not met	
Skin Corrosion / Irritatio	n	Skin Irritant Category 2			
Serious Eye Damage / Irritation		Eye Irritant Category 2			
Respiratory or Skin Sensitization		Based on available data, the classification criteria are not met			
Germ Cell Mutagenicity		Based on available data, the classification criteria are not met			
Carcinogenicity		Carcinogenicity Category 2			
Reproductive Toxicity		Based on available data, the classification criteria are not met			
Reproductive Toxicity		Daseu un avaliable uala	a, the elacometation of		
Reproductive Toxicity STOT – Single Exposu	re	Specific Target Organ 1			
			Toxicity Category 3		

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

EYE CONTACT: Vapors are irritating to the eyes. Splashes can produce painful irritation and eye damage.

SKIN CONTACT: Causes irritation to skin. Symptoms include redness, itching, and pain. May be absorbed through the skin with possible systemic effects

INGESTION: May produce abdominal pain, nausea. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms expected to parallel inhalation.

INHALATION: Causes irritation to the nose and throat. Concentrations above the TLV may cause headache, dizziness, nausea, shortness of breath, and vomiting. Higher concentrations may cause central nervous system depression and unconsciousness.

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CHRONIC: Prolonged skin contact may defat the skin and produce dermatitis. Chronic exposure may cause central nervous system effects. This product contains an ingredient that is a possible cancer hazard based on tests with laboratory animals.

 TARGET ORGANS:
 ACUTE:
 Eyes, Skin, Respiratory System
 CHRONIC:
 Skin, Central Nervous

 System
 System
 System
 System
 System
 System

SUSPECTED CANCER AGENT: One or more of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is considered to be, or suspected to be a cancer-causing agent by these agencies.

Carbon black - California: carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size IARC: Group 2B carcinogen

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin and eyes.

SENSITIZATION OF PRODUCT: This product is not considered a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No specific data is available for this product, however this product is not expected to be readily biodegradable

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No evidence is currently available on this product's effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence is currently available on this product's effects on aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

RCRA WASTE CODE: None listed

EU WASTE CODE: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Adhesives (Containing flammable liquids)

HAZARD CLASS NUMBER and DESCRIPTION: Class 3 Flammable

UN IDENTIFICATION NUMBER: UN1133

PACKING GROUP: ||

DOT LABEL(S) REQUIRED: Class 3 Flammable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): 128

MARINE POLLUTANT: This products ingredients that are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is classified by the United Nations Economic Commission for Europe to be dangerous goods. Harmonized Tariff Code 2910.90.9000

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SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows:

SARA 313: Methyl Ethyl Ketone CAS# 78-93-3 <75%, Methanol CAS# 67-56-1 <10%

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: Yes Reactivity: No U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Methyl Ethyl Ketone 5,000 Lbs RQ., Methanol 5,000 Lbs.RQ.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): One or more of the ingredients are on the California Proposition 65 lists.

WARNING! This product can expose you to chemicals which are known to the State of California to cause cancer or reproductive harm. For more information, go to WWW.P65Warning.ca.gov.

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: All of the components of this product are on the DSL Inventory CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Complies with WHMIS 2015

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed or Exempt
Australian Inventory of Chemical Substances (AICS):	Listed or Exempt
Korean Existing Chemicals List (ECL):	Listed or Exempt
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed or Exempt
Philippines Inventory if Chemicals and Chemical Substances (PICCS):	Listed or Exempt
Swiss Giftliste List of Toxic Substances:	Listed or Exempt
U.S. TSCA:	Listed

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SECTION 16 - OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS

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End of SDS Sheet