

SAFETY DATA SHEET

Elastomer Adhesive Series



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: Elastomer Adhesive Series
PRODUCT NUMBERS: A, AAFSC, ABR, AG, AT,AW, E4503
CHEMICAL FAMILY NAME: Elastomer Adhesives
U.N. NUMBER: UN1133
U.N. DANGEROUS GOODS CLASS: Adhesives (Containing flammable liquids), Class 3, PGII
SUPPLIER/MANUFACTURER'S NAME: **Eagle Elastomer, Inc.**
ADDRESS: P.O. Box 939, Cuyahoga Falls, Ohio 44223 USA
EMERGENCY PHONE: (330) 923-7070
BUSINESS PHONE: (330) 923-7070 (Product Information)
WEB SITE: www.eagleelastomer.com
DATE OF CURRENT REVISION: March 18, 2015
DATE OF LAST REVISION: October 7, 2010

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is viscous liquid, with varying color 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 $>-9^{\circ}\text{C}$ (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



EUROPEAN and (GHS) Hazard Symbols



Signal Word: **Danger!**

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.

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex VI

Viton Elastomer is not listed in ESIS

EC# 207-439-9 this substance is not classified in the Annex VI of Directive 67/548/EEC

EC# 200-659-6 Annex VI Index# 603-001-00-X

EC# 201-159-0 Annex VI Index# 606-002-00-3

EC# 215-609-9 this substance is not classified in the Annex VI of Directive 67/548/EEC

EC# 215-524-7 this substance is not classified in the Annex VI of Directive 67/548/EEC

EC# 215-202-6 Annex VI Index# 025-001-00-3

EC# 231-784-4 this substance is not classified in the Annex VI of Directive 67/548/EEC

EC# 213-834-7 this substance is not classified in the Annex VI of Directive 67/548/EEC

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Substances not listed either individually or in group entries must be self classified.

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

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

Precautionary Statement(s):

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

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.

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

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Methyl Ethyl Ketone	78-93-3	201-159-0	0179	65 - 75%	HAZARD CLASSIFICATION: [F] Flammable, [Xi] Irritant RISK PHRASES: R11, R36, R66/67
Viton Elastomer	NE	Not Listed in ESIS	Not Listed	20 - 30%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Calcium Carbonate	471-34-1	207-439-9	1193	0 - 15 %	HAZARD CLASSIFICATION: None RISK PHRASES: None
Methanol	67-56-1	200-659-6	0057	0 - 10%	HAZARD CLASSIFICATION: [F] Flammable, [Xn] Harmful RISK PHRASES: R11, R20/21/22
Carbon Black	1333-86-4	215-609-9	0471	0 - 4%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Pthalocyanine Green	1328-53-6	215-524-7	Not Listed	0 - 3%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Magnesium Dioxide	1313-13-9	215-202-6	Not Listed	0 - 2%	HAZARD CLASSIFICATION: [Xn] Harmful RISK PHRASES: R20/22
Barium Sulfate	7727-43-7	231-784-4	0827	0 - 2%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Triallylisocyanurate	1025-15-6	213-834-7	Not Listed	0 - 2%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

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NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, 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 for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. 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 difficulty 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.

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

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

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: >-9°C (16°F) CC

AUTOIGNITION TEMPERATURE: 404 °C (759 °F)

FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): 1.4% Upper (UEL): 11.4%

FIRE EXTINGUISHING MATERIALS: Water, Foam, Carbon Dioxide, Dry Chemical, Halon

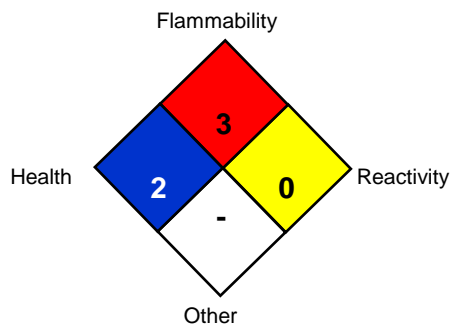
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous gases/vapors produced in fire are hydrogen fluoride, carbonyl fluoride, carbon monoxide, low molecular weight fluorocarbons. Does not burn without external flame. Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			2
FLAMMABILITY HAZARD (RED)			3
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

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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.

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:

Methyl Ethyl Ketone: 200 ppm (TWA), 300 ppm (STEL)

Barium Sulfate: 15 mg/m³, total dust, 8 Hr. TWA, 5 mg/m³, respirable dust, 8 Hr. TWA

Magnesium Dioxide: TLV: 10 mg/m³ (Inhalable fraction)

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

PHYSICAL STATE:

Liquid

APPEARANCE & ODOR:

This product is viscous liquid, with varying color and a solvent like odor.

ODOR THRESHOLD (PPM):

Solvent like

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VAPOR PRESSURE (mmHg):	78 @ 20 °C (68 °F)
VAPOR DENSITY:	2.5
EVAPORATION RATE (nBuAc = 1):	Not Applicable
BOILING POINT (C°):	Not Applicable
FREEZING POINT (C°):	Not Applicable
pH:	Not Applicable
SPECIFIC GRAVITY 20°C: (WATER =1)	<1
SOLUBILITY IN WATER (%)	Insoluble

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: Toxicity data is not available for this product:

Methyl Ethyl Ketone: Oral rat LD50: 2737 mg/kg; inhalation rat LC50: 23,500 mg/m³/8-hr; skin rabbit LD50: 6480 mg/kg; investigated as a mutagen, reproductive effector.

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)

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HAZARD CLASS NUMBER and DESCRIPTION: Class 3 Flammable

UN IDENTIFICATION NUMBER: UN1133

PACKING GROUP: II

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

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.

Carbon Black CAS# 1333-86-4 is an ingredient, however it is bound in the polymer molecular structure and does not require a warning statement.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL 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: This product is categorized as a Class B Division 2 Flammable liquid, Class D 2B Materials causing other toxic effects, as per the Controlled Product Regulations

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

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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 of Chemicals and Chemical Substances (PICCS):	Listed or Exempt
Swiss Giftliste List of Toxic Substances:	Listed or Exempt
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS

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