



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: EZ-4719 NF

Product type: **NON FLAMMABLE – SELF-EXTINGUISHING SEALANT**

Restriction of use: None identified

Company Address: Precision Adhesives and Chemicals
131 Brown Street
Yatesville, PA 18640

Telephone numbers: 570-654-6735

Transport Emergency phone: Chemtrec 800-424-9300

Medical Emergency phone: Poison Control Center 1.877.671.4608

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Acute Toxicity, Oral: GHS Category 4

Skin Irritation: GHS Category 2

Eye Irritation: GHS Category 2B

Carcinogenicity: GHS Category 2

Hazardous to the aquatic environment, acute and long-term: GHS Category 1

Label Elements

Signal Word: DANGER!

Hazard Statements:

H302 – Harmful if swallowed.

H312 – Harmful in contact with skin.

H320 – Causes eye irritation.

H332 – Harmful if inhaled.

H336 – May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H350 – May cause cancer.

Precautionary Statements:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash skin thoroughly after handling.

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

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P301+P312 – IF SWALLOWED: Call a POISON CENTER or a doctor/physician.

P303+P361+P353 – If on skin or hair: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 – IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P501 Dispose of contents/ container to an approved waste disposal plant.

Pictograms:



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	%
DICHLOROMETHANE	75-09-2	30 to 50
METHYL ETHYL KETONE	78-93-3	<5
SODIUM ANTIMONATE	15432-85-6	10 - 25
ALKANES, C14, CHLORO	198840-65-2	10 - 30
elastomer		5-15
resins		10 to 20
inert filler		5 - 10

SECTION 4: FIRST-AID MEASURES

SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes: Irritation

Skin: Irritation

Inhalation: dizziness, drowsiness, nausea

FIRST AID & EMERGENCY PROCEDURES:

Eyes: Immediately flush with plenty of water for at least 15 minutes, lifting eyelids occasionally during flushing to facilitate irrigation. Seek medical attention.

Skin: Immediately wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Ingestion: Take immediately to hospital or physician.

SECTION 5: FIRE FIGHTING MEASURES

This material is non-flammable and self-extinguishing

SECTION 6: ACCIDENTAL RELEASE MEASURES

Soak up with absorbent material, remove to a chemical disposal area. Enclose with diking material to prevent seepage into any natural bodies of water. Absorb residue and dispose of all waste according to all local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container closed when not in use. Do not breath gas/fumes/vapor/spray. Wash thoroughly after handling. Do not store above 100° F.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	CAS#	
DICHLOROMETHANE	75-09-2	ACGIH – 50 ppm, 1/4 mg/m NIOSH – Potential Occupational Carcinogen – see Appendix A Potential NIOSH carcinogen OSHA Final PELs – 25 ppm (8 hr TWA); 125 ppm STEL (15 min TWA); 1800 mg/m TWA OSHA Vacated PELs: Methylene chloride: 500 ppm TWA
METHYL ETHYL KETONE	78-93-3	OSHA TWA – PEL: 200 ppm ACGIH TWA – TLV: 200 ppm, STEL: 300 ppm
SODIUM ANTIMONATE	15432-85-6	OSHA Z-1, ACGIH, OSHA P0, NIOSH REL TWA – 0.5 mg/m ³
ALKANES, C14, CHLORO	198840-65-2	NONE

Respiratory Protection: The use of respiratory protection depends on vapor concentration above the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved) or supplied air equipment, depending on airborne concentration.

Ventilation: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.

Protective Gloves: The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.

Other Protective Clothing or Equipment: Safety glasses, chemical goggles and/or face shield are recommended to safeguard against potential eye contact, irritation or injury.

Special clothing is advised as good chemical handling practice. The availability of eye wash and safety showers in work areas is recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	39.8°C / 104°F	Vapor Density (AIR=1)	2.9
Specific Gravity (H ₂ O=1)	1.4	Evaporation Rate (Butyl Acetate=1)	14 - 15
Vapor Pressure (mmHg)	350	Solubility in Water	NIL
Percent Volatile by Weight	40 to 60		
Appearance and Odor	Aluminum colored, mastic, solvent odor		

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable **HAZARDOUS POLYMERIZATION:** May not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS OR BYPRODUCTS: Carbon monoxide, carbon dioxide, smoke, fumes, other unidentified toxic materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, skin absorption, skin contact Acute Exposure Hazards:

INHALATION HAZARD: In poorly ventilated spaces, vapors can accumulate and cause unconsciousness or death. Vapors may cause irritation of the nose and throat. May interfere with the blood's ability to carry oxygen. Minimal narcotic

effects may be seen below 1000 ppm concentration. Levels above 1000 ppm may produce dizziness and drunkenness. Levels over 10,000 ppm may cause cardiac arrhythmia (irregular heartbeat), unconsciousness, and death.

INGESTION HAZARD: Small amounts swallowed incidentally to working are not likely to cause injury. Larger amounts may cause irritation of the gastrointestinal tract with vomiting. If vomiting results in aspiration, chemical pneumonia could follow. Absorption through gastrointestinal tract may produce symptoms of central nervous system depression

ranging from light headedness to unconsciousness.

SKIN CONTACT HAZARD: Contact may cause moderate skin irritation and pain. Effects on skin covered by gloves or clothing may be more severe. Prolonged contact may cause burns, pain, severe localized redness, swelling and tissue damage. Extensive contact may cause an intense burning sensation. Prolonged skin contact is not likely to result in harmful amounts being absorbed.

EYE CONTACT HAZARD: Causes moderate eye irritation that may be slow to heal and may cause levels of pain disproportionate to the level of irritation. May cause minor injury to the cornea. Vapors can cause eye irritation, minor discomfort, and redness.

Chronic Exposure Hazards: In animals, chronic exposure had caused damage to kidneys, liver, and blood.

Dichloromethane has been shown to increase incidence of tumors in mice and rats. Human epidemiology studies did not show a tumorigenic response. Dichloromethane is not believed to create a measurable carcinogenic risk to humans when handled correctly. Dichloromethane has been toxic to the fetus in in animals where the dose was toxic to the mother.

Animal Toxicity:

Inhalation, mouse: LC50 = 14,400 ppm/7H; Inhalation, rat: LC50 = 88 g/m /30M;

Oral, rat: LD50 = 1600 mg/kg;

Carcinogenicity: Dichloromethane has been shown to increase the incidence of malignant tumors in mice and benign tumors in rats. Other animal studies, as well as several human epidemiology studies, failed to show a tumorigenic response.

Dichloromethane is not believed to pose a measurable carcinogenic risk to humans when handled as recommended. Studies have shown that tumors observed in mice are unique to that species.

ACGIH: A3- Confirmed animal carcinogen with unknown relevance to humans. California: carcinogen, initial date 4/1/88

NIOSH: occupational carcinogen NTP: Anticipated carcinogen

OSHA: Potential cancer hazard.

IARC: Group 2B- Possible human carcinogen

SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of only in accordance with local, state, and federal rules and regulations.

SECTION 14: TRANSPORT INFORMATION

D.O.T. Shipping Name: UN2810, Toxic liquid, organic, NOS (trichloroethylene) 6.1, PGII

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

D.O.T. Label: Toxic 6

The DOT Hazardous Materials Regulations (HMR) include exceptions for certain shipments. For example, the HMR includes a “limited quantity” exception based on a reference to 49 CFR 173.150 through 173.155 and 173.306 from Column 8A of the Hazardous Materials Table at 49 CFR 172.101. This exception may apply to shipments of this product packaged entirely in 0.1 pound caulking tubes.

SECTION 15: REGULATORY INFORMATION

DICHLOROMETHANE

US Federal Regulations:

TSCA: CAS# 75-09-2 is listed on the TSCA Inventory.

Health and Safety Reporting List: CAS# 75-09-2 effective date: 10/4/1982; Sunset date: 10/4/1992

Chemical Test Rules: CAS# 75-09-2 is not listed.

Section 12b: CAS# 75-09-2 is not listed.

TSCA Significant New Use Rule: Does not have an SNUR under TSCA.

CERCLA Hazardous Substances: CAS# 75-09-2 – 1000 lb final RQ; 454 kg final RQ SARA Section 302: Does not have a TPQ

SARA Codes: CAS# 75-09-2 – acute, chronic

Section 313: Dichloromethane (CAS# 75-09-2) is subject to SARA Title III Section 313 and 40 CFR 373 reporting requirements.

Clean Air Act: CAS# 75-09-2 is listed as a hazardous air pollutant (HAP). It is not a Class 1 Ozone Depleter. It is not a Class 2 Ozone Depleter.

Clean Water Act: CAS# 75-09-2 is listed as a Hazardous Substance. It is listed as a Priority Pollutant. It is not a Toxic Pollutant.

OSHA: Not considered highly hazardous by OSHA. US State Regulations:

CAS# 75-09-2 is on the following state right-to-know lists: California, Florida, New Jersey, Pennsylvania, Minnesota, and Massachusetts

The following statement is made in order to comply with the California State Drinking Water Act:

WARNING: This product contains Methylene chloride, a chemical known to the state of California to cause cancer. California No Significant Risk

Level = 50 ug/day. Canada:

DSL/NDSL: CAS# 75-09-2 is listed on Canada’s DSL list.

WHMIS: This product has a WHMIS classification of D1B, D2A, D2B. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and this MSDS contains all the information required by those regulations.

Ingredient Disclosure List: CAS# 75-09-2 is not listed on Canada’s Ingredient Disclosure List.

DSCL (EEC):

Hazard Symbols: Xn

Risk Phrases: R40 – Possible risk of irreversible effects.

Safety Phrases: S23 – Do not inhale gas/fumes/vapor/spray; S24/25 – Avoid contact with skin and eyes; S36/37: Wear suitable protective clothing and gloves.

WGK (Water Danger/protection): CAS# 75-09-2: 2

METHYL ETHYL KETONE

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Pennsylvania Right To Know Components

New Jersey Right To Know Components

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EC no. 201-159-0

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Dangerous Substance Directive 67/548/EEC. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). Avfallsförordningen (2011:927).

SODIUM ANTIMONATE

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

: Acute Health Hazard

SARA 302

: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

: The following components are subject to reporting levels established by SARA Title III, Section 313: sodium antimonate

California Prop 65

15432-85-6

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

US.TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
CH INV	On the inventory, or in compliance with the inventory

ALKANES, C14, CHLORO

TSCA Section 8(a) Preliminary assessment information rule

Not listed

TSCA Section 12(b) Export notification (40 CFR 707, Subpt. D)

1.0% One-time export notification only

CERCLA Hazardous substance list (40 CFR 302.4)

Not listed

SARA 304 Emergency release notification

Not regulated

OSHA Specifically regulated substances (29 CFR 1910.1001-1050)

Not regulated

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Immediate hazard – no

Delayed hazard – no

Fire hazard – no

Pressure hazard – no

Reactivity hazard – no

Not listed under SARA 302, 311/312, or 313

Not regulated under Clean Air Act section 112 or 112(r)

Not regulated under Safe drinking water act

International inventories

Country	Inventory name	On inventory*
Australia	Australian inventory of chemical substances (AICS)	yes
Canada	Domestic substances list (DSL)	yes
Canada	Non-domestic substances list (NDSL)	no
China	Inventory of existing chemical substances in China (IECSC)	yes
Europe	European inventory of existing commercial chemicals substances (EINECS)	yes
Europe	European list of notified chemical substances (ELINCS)	no
Japan	Inventory of existing and new chemical substances (ENCS)	yes
Korea	Existing chemical list (ECL)	yes
New Zealand	New Zealand inventory	yes
Philippines	Philippine inventory of chemicals and chemical substances	yes
Taiwan	Taiwan toxic chemical substances (TCS)	yes

USA Toxic Substances control act (TSCA) inventory yes
*”Yes” indicates that this substance complies with the inventory requirements administered by the governing country. “No” indicates that one or more components of this substance are not listed or exempt from listing on the inventory.

SECTION 16: OTHER INFORMATION

Updated: 1/17/18

*****SPECIAL COMMENT REGARDING ALL MATERIALS MANUFACTURED*****

All information, recommendations and suggestions appearing herein concerning our products are based upon test data believed to be reliable. However, it is the user’s responsibility to determine the safety, toxicity and suitability for use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Precision Adhesives as to the effects or such use, the results to be obtained, or the safety and toxicity of the product nor does Precision Adhesives assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.