

Safety Data Sheet

SECTION I - IDENTIFICATION

PRODUCT NAME: Spray on Liner Adhesive
PRODUCT USE: Adhesive
COMPANY NAME: Elgen Manufacturing
COMPANY ADDRESS: 10 Railroad Ave, Closter NJ 07624
COMPANY PHONE: 1-800-503-9805
EMERGENCY PHONE: 800-535-5035

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Gas: Category 1
Dissolved Gas
Skin Irritant: Category 2
Eye Irritant: Category 2b
Carcinogenicity: Category 2

HAZARD STATEMENT(S): **Caution:** Non-Flammable Adhesive Mixture. Contains a component that is flammable in its pure state according to GHS definitions, however when combined in the overall adhesive mixture the adhesive is not flammable in either its liquid or dry states.

This product contains the following percentage of chemicals of unknown toxicity: 30%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. Protect from sunlight. Store in a well-ventilated place. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Methylene Chloride	75-09-2	40-70%
Odorless Mineral Spirits	64741-65-7	1-5%
Propane/n-Butane	68476-86-8	1-5%
Carbon Dioxide	124-38-9	1-5%

SECTION IV - FIRST AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Oral: abdominal irritation, nausea, vomiting, diarrhea

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers to prevent bursting. Treat as combustible petroleum distillates.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children. For use by trained personnel only. Wear protective gloves and eyewear when handling.

INCOMPATIBILITY: Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Methylene Chloride	25 ppm	50 ppm
Odorless Mineral Spirits	500 ppm	500 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Carbon Dioxide	5000 ppm	5000 ppm

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well ventilated area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue-green Spray

ODOR: Chlorinated solvent odor

ODOR THRESHOLD: 21mg/m³ (Methylene Chloride)

BOILING POINT: N/D

FREEZING POINT: N/D

FLAMMABILITY: Extremely Flammable Gas

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

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VAPOR PRESSURE (mm Hg): 400 mmHg
VAPOR DENSITY (AIR=1): 3.0
EVAPORATION RATE: >3 Fast
SPECIFIC GRAVITY (H2O=1): 1.16
pH: N/A
SOLIDS (%): 35%
SOLUBILITY IN WATER: 0%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
VOLATILITY INCLUDING WATER (%): 71%
VOLATILE ORGANIC COMPOUNDS (VOC): 5%
DIELECTRIC STRENGTH (Volts): N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Chemically active metals and bases.
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Chlorine liberating material. Do not mix with acids, ammonia or other cleaning compounds.
INCOMPATIBILITY: Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Carbon monoxide and carbon dioxide. Various hydrocarbons
POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Methylene Chloride (75-09-2) LD₅₀ (Oral, Rat) 1600 mg/kg; LC₅₀ (Inhalation, Rat) 52 gm/m³
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes mild irritation.
INGESTION: Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, absorption through gastrointestinal tract, abdominal cramps, dizziness, pulmonary edems, central nervous system depression, unconsciousness or death.
INHALATION: Excessive inhalation of vapors may cause irritation of nose and throat, headache, nausea, vomiting, dizziness, drowsiness, euphoria, loss of coordination and disorientation. In poorly ventilated or confined spaces may cause unconsciousness and asphyxiation may result.
SKIN: May cause localized defatting, dryness with prolonged or repeated contact.
MEDICAL CONDITION AGGRAVATED: Generally aggravated by exposure because of defatting properties, prolonged or repeated skin contact may aggravate an existing skin condition.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Oral: abdominal irritation, nausea, vomiting, diarrhea
CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).
CARCINOGENICITY: OSHA: Yes ACGIH: A3 - Animal Carcinogen NTP: Suspected IARC: 2B - Possible OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Methylene Chloride (75-09-2) Fish: Bluegill/Sunfish: 230mg/L; 24H; StaticFish: Fathead Minnow: 196mg/L; 96H; has a moderate potential to affect some aquatic organisms. It is resistant to biodegradation, has low potential to persist in the aquatic environment. 96-hr. EC₅₀ (loss of equilibrium); Fathead minnow: 99mg/L; 96-hr. EC₁₀: 66.3 mg/L. Bluegill sunfish: 96-hr. LC₅₀=220 mg/L; Water flea: 24-hr. LC₅₀=2270 mg/L; No observed effect level:1550 mg/L.
BIODEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

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RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Compressed Gas N.O.S.

HAZARD CLASS/DIVISION: 6.1

UN/NA NUMBER: UN1956

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Compressed Gas N.O.S

HAZARD CLASS/DIVISION: 6.1

UN/NA NUMBER: UN1956

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Compressed Gas N.O.S

HAZARD CLASS/DIVISION: 6.1

UN/NA NUMBER: UN1956

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Methylene Chloride (75-09-2)

Reportable Quantity = 1,000 lbs

SARA 311/312 HAZARD CATEGORIES: Chronic Health

SARA 313 REPORTABLE INGREDIENTS: Methylene Chloride - 75-09-2

STATE REGULATIONS: California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

INTERNATIONAL REGULATIONS: Methylene Chloride - 75-09-2 - The components of this product are listed on the chemical inventories of the following countries: Australia - Hazchem. code 2Z, Poison Schedule S5, China, Europe (EINECS), Japan, Korea, Philippines, Canada. **WHMIS (Canada):** Class D-1B material causing immediate and serious toxic effects (toxic). Class D-2A: Material causing other toxic effects (very toxic). **DSCL (EEC): R22** - Harmful if swallowed. R38-irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer.

NFPA HEALTH: 2

NFPA FLAMMABILITY: 1

NFPA REACTIVITY: 0

NFPA OTHER: None

HMIS HEALTH: 2

HMIS FLAMMABILITY: 1

HMIS REACTIVITY: 0

HMIS PROTECTION: B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

DATE PREPARED: 11/21/2013

REVISION DATE: 08/01/2017

N/A = Not Applicable; N/D = Not Determined

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