# *Safety Data Sheet*

# *ES30 Aerosol and Canister*

## *Section 1. Product Description*

**Product Name:** **EverStrong ES30 Contact Adhesive – Aerosol and Canister**
**Recommended Use:** **Industrial adhesive applications**
**Manufacturer:** **NewStar Adhesives Inc, 31 Silver Hill Road, Weston, MA 02493**
**Information Contact:** **PH 855-497-0700 FX 770-607-3637**
**Emergency Contact:** **800-424-9300 (CHEMTREC- Transportation Spill Response 24 hours)**

## *Section 2. Hazard Identification*

**Classification in accordance with OSHA Standard 29CFR 1910.1200**



# DANGER

**Flammable liquid and vapor. Pressurized Container: May burst if heated. Causes serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation.**

**GHS Classification:**
**Flammable Gas (Category 2)**
**Eye Irritation (Category 2)**
**Skin Irritation (Category 2)**
**Carcinogenicity (Category 2)**
**Specific target organ toxicity (Category 3)**
**Aspiration hazard (Category 1)**

**PRECAUTIONARY STATEMENTS:**

1. Keep away from heat sparks/open flames/hot surfaces--No Smoking.
2. Avoid breathing dust/fumes/gas/mist/vapors/spray.
3. Wash thoroughly after handling.
4. Use only outdoors or in well ventilated areas.
5. Wear protective gloves/protective clothing/eye protection.
6. If swallowed, immediately call Poison Center or doctor/physician.
7. Do Not Induce Vomiting.
8. If on skin, wash with plenty of soap and water.
9. If inhaled call Poison Center or doctor/physician if you feel unwell.
10. 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/attention.
11. Take off contaminated clothing before reuse.
12. Store in a well ventilated place.
13. Protect from sunlight.
14. In case of fire, use dry chemicals, CO2 or appropriate foam.
15. Dispose of contents/containers in accordance with local/regional/national/international regulation.

## *Section 3. Composition/ Information on Ingredients*

| Chemical Name | C.A.S. Number | % |
|---|---|---|
| Methylene Chloride | 75-09-2 | 40-50% |
| Propane | 75-28-5 | 10-20% |
| Isobutane | 74-98-6 | 10-20% |

## *Section 4. First Aid Measures*

**Skin Contact:** Wash with plenty of water. Wash contaminated clothing after use.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek medical assistance. If breathing has stopped, give artificial respiration.

**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Ingestion:** Immediately call a POISON CENTER or doctor/physician if you feel unwell. If exposed or if you feel unwell get medical advice/attention. Do not induce vomiting.

## *Section 5. Firefighting Procedures*

**Extinguishing Media:** Use water spray, dry chemical, CO2 or appropriate foam.

**Firefighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self contained breathing apparatus

**Fire and/or Explosion Hazards:** Containers exposed to heat may explode.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide.

**Further Information:** Containers exposed to high heat from fire or other sources may build pressure and explode. Use water spray to cool unopened containers.

## *Section 6. Accidental Release Measures*

**Personal Precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapors can accumulate in low areas.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up:** Cover with commercially available nonflammable inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Collect waste and dispose of in accordance with all applicable local, state and federal regulations.

## *SECTION 7. Handling and Storage*

**Handling:** Avoid breathing vapors. Use personal protection equipment as required. In case of inadequate ventilation wear repiratory protection. Do not eat, drink or smoke when using this product. Wash contaminated clothing and skin after use.

**Storage:** Store in a well ventilated space. Protect from direct sunlight. Do not expose to temperatures exceeding 50°C/122°F.

## *SECTION 8. Protection Information*

| Hazardous Component | Authority | Type | Limit |
|---|---|---|---|
| Methylene Chloride | OSHA | TWA | 25 ppm |
| Methylene Chloride | OSHA | STEL | 125 ppm |
| Propane | ACGIH | TWA | 1000 ppm |
| Propane | OSHA | TWA | 1000 ppm |
| Isobutane | ACGIH | TWA | 1000 ppm |

**SOURCES OF EXPOSURE LIMIT DATA:**
ACGIH: American Conference of Governmental Industrial Hygienists
AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)
CMRG: Chemical Manufacturer Recommended Guideline
EPA: Environmental Protection Agency
IARC: International Agency for the Research on Cancer
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
WEEL Workplace Environmental Exposure Level

**Control Parameters**
**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment (PPE):**

**Eyes/Face:** Safety goggles or safety glasses with side shields.

**Skin:** Protective gloves such as Viton, PVA or equivalent and impervious clothing.

**Respiratory:** In operations where exposure limits are exceeded, use a NIOSH approved respirator suitable for the specific work conditions.

**Hygiene:** Avoid contact with skin, eyes and clothing. Wash promptly with soap and water if skin becomes contaminated. Remove and wash contaminated clothing after use. Do not eat, drink or smoke when using.

## *SECTION 9. Physical Data*

**Odor, Color:** Organic solvent odor, clear or red in color
**Boiling point:** Not Determined
**Vapor Pressure** Not Determined
**Vapor Density** Not Determined
**Specific Gravity** .82 – .88 g/cc
**Solubility in Water:** Negligible
**Volatile Organic Compounds:** <35% by weight
**Flash Point –** -156° F (-104° C)
**LEL –** 1.8
**UEL –** 18

## *SECTION 10. Stability and Reactivity*

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Avoid high temperatures.

**Incompatible Materials:** None known.

**Hazardous Polymerization:** Will not occur.

**Hazardous By-Products:** Combustion may result in formation of aldehydes, hydrocarbons, carbon monoxide and carbon dioxide.

## *SECTION 11. Toxicological Information*

**Typical Routes of Entry:** **Inhalation, skin absorption, eye contact**

**Mutagenicity:** laboratory tests have shown mutagenic effects.
**STOT-single exposure:** may cause drowsiness or dizziness. Causes skin irritation.
**STOT-repeat exposure:** May cause damage to organs through prolonged or repeated exposure.
**Aspiration Hazard:** No data
**Acute Toxicity:** No data
**Irritation:** No data
**Corrosivity:** No data
**Sensitisation:** No data

**Chronic Toxicity/ Carcinogenicity:**
IARC: Group 2B: possibly carcinogenic to humans.

## *SECTION 12. Ecological Data*

**Overview:** Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

**Mobility:** No data

**Persistence:** No data

## *SECTION 13. Disposal Considerations*

**Waste Disposal Method:**
Dispose of only by a permitted hazardous waste TSD facility in accordance with all local, state and federal regulations.

## *SECTION 14. Transportation Information*

| REGULATION | DESCRIPTION |
|---|---|
| **DOT** | |
| Proper Shipping Name: | Liquefied Gas, Flammable, N.O.S. (Contains Propane, Methylene Chloride) |
| Hazard Class: | 2.1 |
| UN #: | UN3161 |
| Packing Group: | None |
| Label: | Flammable Gas, red diamond 2 |

## *SECTION 15. Regulatory Information*

**311/312 Hazard Categories:**
Fire Hazard – Yes;
Pressure Hazard – Yes;
Reactivity Hazard – No;
Immediate Hazard – Yes;
Delayed Hazard – Yes

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):**

| Ingredient | C.A.S. Number | % by Wt. |
|---|---|---|
| Methylene Chloride | 75-09-2 | 60 – 70% |

**STATE REGULATIONS:**

**CALIFORNIA PROPOSITION 65**

| Ingredient | C.A.S. Number | Classification |
|---|---|---|
| Methylene Chloride | 75-09-2 | Carcinogen |

Contains a chemical known to the state of California to cause cancer.

**US-TSCA:**

All hazardous components are on TSCA.

**WHMIS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**HMIS Hazard Rating**

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Health:** 2
**Flammability:** 3
**Reactivity:** 0
**Special Hazard:** None

## *SECTION 16. Other Information*

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