

# Safety Data Sheet

## E342 Zero Stick™

# Stoner

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### 1. IDENTIFICATION

Stoner Incorporated  
1070 Robert Fulton Hwy.  
Quarryville, PA 17566

1-800-227-5538

Product Name: Zero Stick™  
Product Code: E342  
Product Use: Mold Release  
Duster/Freeze Spray  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



#### GHS Classification

Gases under pressure - Liquefied Gas  
Flammable Aerosol Category 2

#### Signal Word

Warning

#### Hazard Statements

Flammable aerosol.  
Contains gas under pressure; may explode if heated.

#### Precautionary Statements

##### Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.

##### Storage

Protect from sunlight. Store in a well-ventilated place.  
Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>COMPONENT</u>                    | <u>CAS #</u> | <u>Percent</u> |
|-------------------------------------|--------------|----------------|
| Halogenated hydrocarbon/ether blend | Mixture      | 80-100         |
| Aliphatic hydrocarbons              | 142-82-5     | 1-20           |

#### HMIS® III\* HAZARDOUS WARNINGS:

|           |                 |             |                                |               |
|-----------|-----------------|-------------|--------------------------------|---------------|
| Health: 1 | Flammability: 2 | Physical: 1 | Personal Protective Equipment: | See Section 8 |
|-----------|-----------------|-------------|--------------------------------|---------------|

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

### 4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. For liquid contact, treat for frostbite if necessary. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center immediately. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

**NOTES TO PHYSICIAN:**

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material is an aspiration hazard. Aspiration during swallowing or vomiting may severely damage the lungs. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats);

**5. FIRE FIGHTING MEASURES**

**Fire and/or Explosion Hazards:** This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions. "Empty" containers retain product residue and can be dangerous.

**Fire Fighting Instructions:** Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

**6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**  
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

**7. HANDLING AND STORAGE**

**Handling:** Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Do not breathe vapor. May cause frostbite. Normal precautions common to safe manufacturing practice should be followed in handling and storage. This material can be harmful or irritating. Avoid prolonged or repeated contact with skin. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

**Storage:** Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 122 degrees F. Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Keep from extreme temperatures.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

**Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

**Respiratory Protection:** A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

| <u>COMPONENT</u>                    | <u>CAS #</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u>             |
|-------------------------------------|--------------|------------------|-----------------|--------------------------|
| Halogenated hydrocarbon/ether blend | Mixture      | Not established  | Not established | 1000ppm (mfr. recommend) |
| Aliphatic hydrocarbons              | 142-82-5     | 400 ppm TWA      | Not established | Not established          |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                              |                   |                                       |                            |
|------------------------------|-------------------|---------------------------------------|----------------------------|
| Physical State:              | Aerosol can       | Lower Flammability Limit (%):         | Not applicable             |
| Appearance:                  | Clear Yellow      | Upper Flammability Limit (%):         | Not applicable             |
| Odor:                        | Slight ethereal.  | Vapor Pressure (PSIG @ 70°F):         | No data available          |
| Odor Threshold:              | Mild              | Vapor Density [air = 1]:              | >1                         |
| pH:                          | Not applicable    | Relative Density (H2O=1):             | 0.84                       |
| Melting/Freezing Point (°F): | No data available | Solubility in Water:                  | Not determined Low; 10-49% |
| Boiling Point (°F):          | No data available | Partial Coefficient: n-octanol/water: | No data available          |
| Flash Point (°F PMCC):       | Not applicable    | Autoignition Temperature (°F):        | 474.8                      |
| Evaporation Rate:            | Not determined    | Decomposition Temperature (°F):       | No data available          |
| Flammability (solid, gas):   | No data available | Viscosity, dynamic (cSt):             | No data available          |
| Percent VOCs (%):            | 60 - 80           |                                       |                            |

## 10. STABILITY AND REACTION

|                         |   |
|-------------------------|---|
| Chemical Stability:     | Stable. Do not mix with oxygen or air above atmospheric pressure. Any source of high temperature [ $>250$ C], may form hydrofluoric acid and possibly carbonyl fluoride decomposition products.   |
| Conditions to Avoid:    | Avoid contact with: Oxidizers. Acetic acids Organic acid anhydrides. Powdered metals. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Magnesium. Zinc. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Strong oxidizing agents. |
| Decomposition Products: | If heated with peroxides present, violent decomposition can occur. This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Oxides of phosphorous.                      |

## 11. TOXICOLOGICAL INFORMATION

|  |                    |
|--|--------------------|
| Reproductive & Developmental Toxicity: | No data available. |
| IARC Carcinogen Designation:           | No data available  |

| Ingredient              | CAS #    | Toxicological Data   |
|-------------------------|----------|--|
| Halogenated hydrocarbon | Mixture  | INHALATION LC50 Rat 1500 GM/M3<br>INHALATION LC50 Mouse 1700 GM/M3 |
| Aliphatic hydrocarbons  | 142-82-5 | INHALATION LC50 Rat 103 GM/M3                                      |

## 12. ECOLOGICAL INFORMATION

|                      |  |
|----------------------|--|
| Ecological Toxicity: | Presents little or no hazard to the aquatic environment. |
| Mobility:            | No data available  |
| Degradability:       | Not considered biodegradable; 100% volatile.             |

| Ingredient             | CAS #    | Toxicological Data  |
|------------------------|----------|---|
| Ether propellant       | 115-10-6 | 48HR NOEC GUPPIES $> 4000$ mg/L<br>48HR NOEC Daphnia $> 4000$ mg/L<br>No data available                             |
| Aliphatic hydrocarbons | 142-82-5 | Aquatic LC50 (24h) Fish = 4 mg/L<br>48HR EC50 Daphnia = 1.5 mg/L<br>96HR EC50 Algae = 3.7 mg/L<br>No data available |

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

## 14. TRANSPORTATION INFORMATION

| Agency | UN Number | Proper Shipping name | Hazard Class | Packing Group  |
|--------|-----------|----------------------|--------------|----------------|
| DOT    | UN1950    | Aerosols, Flammable† | 2.1          | Not applicable |
| IATA   | ID8000    | Consumer Commodity†  | 9            | Not applicable |
| IMDG   | UN1950    | Aerosols, Flammable† | 2.1          | Not applicable |

† "Limited Quantities" may be applicable for this transportation mode.

## 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

| COMPONENT                             | CAS # | % BY WEIGHT | Regulatory Body  |
|---------------------------------------|-------|-------------|------------------|
| No components listed in this section. |       |             | SARA Section 313 |

### Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

### California Prop 65

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 09/03/19

This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.