

**GRAYLING INDUSTRIES, INC.**  
**MATERIAL SAFETY DATA SHEET – TAC SPRAY ADHESIVE**

This Material Safety Data Sheet (MSDS) conforms to the requirements of ANSI Z400.1.  
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

**IMPORTANT:** Read this MSDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **TAC SPRAY ADHESIVE**

Product Number: 04320

NFPA Rating: 2-3-0

HMIS Rating: 2-3-0-B

DOT Class: ORM-D

**MANUFACTURER:**

Grayling Industries, Inc.

1008 Branch Drive

Alpharetta, GA 30004

Date Prepared: March 1, 2010

Date Superseded: May 1, 2006

**EMERGENCY PHONE NUMBER:**

**1.800.535.5053 (Infotrac)**

**INFORMATION: 1.800.635.1551**

**II. COMPOSITION/INFORMATION ON INGREDIENTS**

	<u>CAS Number</u>
Heptane	142-82-5
Acetone	67-64-1
Isobutane/Propane Blend	75-28-5
	74-98-6

**III. HAZARDS IDENTIFICATION**

**Eye:** Can cause eye irritation.

**Skin:** May cause irritation.

**Swallowing:** Possible chemical pneumonitis if aspirated into lungs.

**Inhalation:** Excessive inhalation of vapors may cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, and possible unconsciousness or asphyxiation.

**Symptoms of Exposure:** Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, and diarrhea) irritation (nose, throat, airways), cough, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), loss of coordination, difficult breathing, lung damage.

**Chronic Effects:** Effects due to excessive exposure to the raw materials of this mixture through excessive inhalation of solvents may cause brain and other nervous system damage. May aggravate existing eye, skin, or upper respiratory conditions.

**Other Health Effects:** No data

**Primary Route(s) of Entry:** Inhalation, Skin absorption

#### IV. FIRST AID MEASURES

**Eyes:** If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

**Skin:** Irritation is due to defatting of skin. Wash exposed area with soap and water; seek medical attention.

**Swallowing: DO NOT INDUCE VOMITING.** Drink two large glasses of water and seek immediate medical attention.

**Inhalation:** If symptoms develop, immediately move individual away from exposure and into fresh air; resuscitate if necessary, seek medical attention.

#### V. FIRE FIGHTING MEASURES

**Flash Point:** N/A

**Auto Ignition Temperature:** N/E

**Flammability as per USA flame projection test:** Extremely Flammable

**Flammability Limits in air by % in volume:** %LEL: N/E %UEL: N/E

**Fire and Explosion Hazards:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

**Extinguishing Media:** Foam, dry chemical, carbon dioxide, water

**Fire Fighting Instructions:** Wear a self-contained breathing apparatus; Use water fog to cool containers to prevent rupturing and exploding containers; Provide shielding for personnel.

#### VI. ACCIDENTAL RELEASE MEASURES

**Spills or Release:** Absorb with suitable medium. Incinerate or landfill according to local, state and/or federal regulations. **DO NOT FLUSH TO SEWER.**

#### VII. HANDLING AND STORAGE

**Handling:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F

**KEEP OUT OF REACH OF CHILDREN.** Avoid food contamination.

Avoid breathing vapors. Remove ignition source(s).

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye Protection:** Safety glasses recommended.

**Skin Protection:** Use impermeable neoprene gloves.

**Respiratory Protection:** If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode. Use adequate ventilation to keep vapor concentration below TLV.

**Work/Hygiene Practices:** Wash with soap and water before handling food. Remove contaminated clothing.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A

**Vapor Pressure:** PSIG @ 70F (aerosols) Max 80

**Specific Vapor Density:** N/E

**Specific Gravity:** (H<sub>2</sub>O=1) Concentrate only = 0.853

**Evaporation Rate:** ( =1) N/E

**Water Reactive:** No

**Solubility in Water:** Partial

**State:** Liquid

**Color:** Straw colored

**Odor:** Ketone Solvent Odor

**pH:** Not applicable

## X. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Product will not undergo hazardous polymerization.

**Hazardous Decomposition:** May form carbon dioxide and carbon monoxide

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Conditions to Avoid:** Open flame, welding arcs, heat sparks.

## XI. TOXICOLOGICAL INFORMATION

No data

## XII. ECOLOGICAL INFORMATION

No data

## XIII. DISPOSAL CONSIDERATION

Waste Management Information

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs – including disposal, recycling and waste stream reduction, contact Grayling Industries, Inc at 1.800.635.1551.

## XIV. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.