

**MATERIAL SAFETY DATA SHEET**  
**MSDS**

ITEM NUMBER: 055 – FOAM &amp; FABRIC ADHESIVE

VERSION 2 EFFECTIVE DATE: 07/23/03 SUPERCEDES: 04/22/98 PREPARED BY: Ron Cepa

Section(s) Revised: HMIS, II, III, IV, V, VI, VIII, IX

IDENTITY (As Used On Label and List): FOAM &amp; FABRIC ADHESIVE

EMERGENCY MEDICAL Telephone# 1-800-228-5635 (24 Hrs)

Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (HMIS®): - Health = 1\*, Fire = 4, Reactivity = 0 Protective Equipment = B

(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

**SECTION I**

SPRAYWAY INC.

484 VISTA AVE.

ADDISON, IL 60101

TELEPHONE NUMBER FOR INFORMATION: 1-800-332-9000

DATE PRINTED: 07/23/03

NAME OF PREPARER: Ron Cepa

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Chemical Names	CAS#	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Acetone	67-64-1	No	750 ppm/1000 ppm	1000 ppm/NE	10-20
n-Hexane	110-54-3	Yes	50 ppm*/NE	500 ppm/NE	10-20
Methyl Acetate	79-20-9	No	200 ppm/250 ppm	200 ppm/250 ppm	10-20
Cyclohexane	110-82-7	Yes	300 ppm/NE	300 ppm/NE	1-5
Liquefied petroleum gas mixture	68476-86-8	No	See below ingredient data		30-40
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	48-55
n-Butane	106-97-8	No	800 ppm/NE	NE/NE	45-49
Isobutane	75-28-5	No	NE/NE	NE/NE	0.5-2.0

Balance of ingredients are non-hazardous or below reportable levels.

\* Skin exposure

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 110 @ 130F / 54 @ 70F Specific Gravity, calculated (H2O=1): 0.7037

pH: NA Solubility/Water: Insoluble Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND

Appearance and Odor: Orange spray with solvent odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: &lt;0F (Propellant); -15F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 1.9 UEL: 9.5

Extinguishing Media: Carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

Stability: Stable Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbon vapors.

Conditions to Avoid: Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: Y Eyes: Y Skin: Y Ingestion: N

HAZARDS IDENTIFICATION: EYES: May cause mild irritation. SKIN: May cause mild irritation. Under misuse or intentional misuse, product may cause asphyxiation. Upon prolonged inhalation exposure: may cause allergic respiratory reaction and sensitization. Can cause dizziness, headaches and incoordination. Can cause anesthetic and/or narcotic effects. INGESTION: Not hazardous in normal industrial use.

AGGRAVATED MEDICAL CONDITIONS: None Known.

CHRONIC EFFECTS/TARGET ORGANS: Lungs and/or respiratory system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. SKIN: Wash with soap and plenty of water. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: In the

unlikely event of swallowing: Call physician immediately. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

**CARCINOGENICITY:**

No regulated ingredients.

**TOXICITY INFORMATION:****Acetone:**

After prolonged or repeated exposure, development of cataracts has been reported in laboratory animals.

LD50 Oral (Rat):	9750 mg/kg
LD50 Dermal (Rabbit):	20,000 mg/kg
LC50 Inhalation (Rat):	16,000 ppm/4hr

**Hexane:**

Repeated or prolonged exposure to hexane can cause reversible peripheral neuropathy with associated muscle weakness in the extremities (fingers and toes). High vapor concentrations may cause Central Nervous System depression.

LD50 Oral (Rat):	28,700 mg/kg
LC50 Inhalation (Rat):	77,000 ppm/1 hr.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Releases or Spills:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

**Waste Disposal Method:** Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations. Disposal regulations may be different for each state and/or locality.

**Handling And Storing:** Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F (48.9C). Store as Level 3 Aerosol (NFPA 30B).

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

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**SECTION VIII - EMPLOYEE PROTECTION**

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**Respiratory Protection (Type):** None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

**Ventilation:** General ventilation is adequate under normal conditions; mechanical ventilation is optional.

**Protective Gloves:** Chemical resistant gloves are recommended – consult glove manufacturer to determine the proper type for a specific operation.

**Eye Protection:** Safety glasses are recommended.

**Other Protective Clothing or Equipment:** Wear impervious clothing to prevent skin contact.

**Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals.

Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

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**SECTION IX - OTHER REGULATORY CONTROLS**

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**FEDERAL:**

**Toxic Substance Control Act (TSCA):**

Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**STATE RIGHT-TO-KNOW:**

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Refer to Section II.

**CANADA:**

Domestic Substances List:

Ingredients of this product are listed.

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**SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)**

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Shipping Name: Consumer Commodity

Hazard Class: ORM-D

NG-- Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable ND-- Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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