# MATERIAL SAFETY DATA SHEET MSDS

ITEM NUMBER: 087 - GENERAL PURPOSE MIST ADHESIVE

VERSION 1 EFFECTIVE DATE: 02/05/03 SUPERCEDES: 00/00/00 PREPARED BY: Ron Cepa

Section(s) Revised: New product

IDENTITY (As Used On Label and List): GENERAL PURPOSE MIST 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 = 1 Protective Equipment = B

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

### **SECTION I**

SPRAYWAY INC. TELEPHONE NUMBER FOR INFORMATION: 1-800-332-9000

484 VISTA AVE. DATE PRINTED: 02/05/03

ADDISON, IL 60101 NAME OF PREPARER: Ron Cepa

# SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

				-	
Chemical Names	CAS#	SARA Title III	ACGIH	OSHA	% By Wt.
		SEC 313	TLV-TWA/STEL	PEL-TWA/STEL	-
Acetone	67-64-1	No	750 ppm/1000 ppm	1000 ppm/NE	10-20
Isohexane	64742-49-0	No	500 ppm/1000 ppm	500 ppm/NE	10-20
Cyclohexane	110-82-7	Yes	300 ppm/NE	300 ppm/NE	5-10
Liquefied petroleum gas mixture	See below	No	See below ingredient data		10-20
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	
n-Butane	106-97-8	No	800 ppm/NE	NE/NE	
Dimethyl Ether	115-10-6	No	NE/NE	NE/NE	10-20
Liquefied petroleum gas mixture	See below	No	See below ingredient data		10-20
Isobutane	75-28-5	No	NE/NE	NE/NE	
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	

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

# **SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 91 @ 130F / 41 @ 70F Specific Gravity (H20=1): 0.7069 pH: NA

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

Appearance and Odor: Aerosol spray with solvent odor.

# SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

Flashpoint: <0F (Propellant); -4F TCC (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 1.9 UEL: 18.0

Extinguishing Media: Carbon dioxide or dry chemical or foam.

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: NA

Incompatibility (Materials to Avoid): Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

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

HAZÁRDS IDENTIFICATION: EYEŚ: May cause irritation. SKIN: May cause irritation. INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. Upon prolonged exposure can cause dizziness, headaches and incoordination. Can cause anesthetic and/or narcotic effects. Under misuse or intentional misuse, product may cause asphyxiation.

INGESTION: Exposure by ingestion is unlikely since an aerosol.

AGGRAVATED MEDICAL CONDITIONS: None Known.

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys.

Page 2

### MATERIAL SAFETY DATA SHEET

MSDS 087 087

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: Get immediate medical attention. 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 LD50 Inhalation (Rat): 16,000 ppm/4hr

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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.

#### **SECTION VIII - EMPLOYEE PROTECTION**

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.

### **SECTION IX - OTHER REGULATORY CONTROLS**

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 Substance List:** 

Listed.

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

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.

EFFECTIVE DATE: 02/05/03 SUPERCEDES: 00/00/00 PREPARED BY: Ron Cepa