

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

ITEM NUMBER: 957 – SCREEN OPENER

VERSION 2 EFFECTIVE DATE: 07/03/02 SUPERCEDES: 04/29/98 PREPARED BY: Ron Cepa

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

IDENTITY (As Used On Label and List): SCREEN OPENER

**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: 05/27/03

NAME OF PREPARER: Ron Cepa

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

Chemical Names	CAS#	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Petroleum naphtha	64742-95-6	No	19ppm*/NE	19ppm*/NE	30-35
Cyclohexanone	108-94-1	No	25ppm*/NE	50ppm/NE	15-20
1,2,4-Trimethylbenzene	95-63-6	Yes	25ppm/NE	25ppm/NE	15-20
Xylene	1330-20-7	Yes	100ppm/150ppm	100ppm/150ppm	1-5
Liquefied petroleum gas mixture	See below	No	See data below		30-35
Propane	74-98-6	--	2500ppm/NE	1000ppm/NE	--
n-Butane	106-97-8	--	800ppm/NE	NE/NE	--

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

\* Skin

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 83 @ 130F / 38 @ 70F Specific Gravity (H2O=1): 0.7456 pH: NA  
 Solubility/Water: Negligible Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND  
 Appearance and Odor: Aerosol spray with characteristic 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); &gt;108F (Concentrate)

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

Extinguishing Media: Carbon dioxide, water spray, foam, 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: NA

Incompatibility (Materials to Avoid): Oxidizing agents, bases.

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

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

**SECTION VI - HEALTH HAZARD DATA**

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

HAZARDS IDENTIFICATION: EYES: May cause mild irritation. Can cause burning sensation, tearing, and redness. May cause corneal opacity (clouding of the eye surface). SKIN: Prolonged or repeated contact may dry or defat the skin and lead to irritation (i.e. dermatitis). May be absorbed through the skin. INHALATION: Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. Can cause anesthetic and/or narcotic effects. Under misuse or intentional misuse,

product may cause asphyxiation. INGESTION: Exposure is unlikely since an aerosol, but if occurs: Possible aspiration hazard. May cause inflammation of the lungs. May cause nausea, vomiting, pain, and stomach upset (e.g., diarrhea).

AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing skin conditions.

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys. Nervous system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate 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. In the unlikely event of swallowing: Call physician immediately. Victim should drink a small amount of water to dilute stomach content, and if vomiting occurs have victim lean forward to reduce risk of aspiration. Never give anything by mouth to an unconscious person.

CARCINOGENICITY:

No regulated ingredients.

TOXICITY INFORMATION:

Xylene:

Exposure by chronic inhalation to xylene has been shown to cause cardiac irregularities in lab animals. Similar effects have been observed in some humans.

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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 Substance List:

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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