### **SECTION I - IDENTIFICATION**

EMERGENCY TELEPHONE NUMBER:	CHEMTREC 1-800-424-9300
HAZARD CLASS:	ORM-D
DOT ID NO.:	N/A
SHIPPING NAME:	Consumer Commodity
PRODUCT NAME:	POLYKEN™ 1027 AEROSOL PRIMER

OTHER TECHNICAL/HEALTH/SAFETY INFORMATION: 617-861-3200

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

	CAS
METHYLENE	7
CHLORIDE	
VM&P NAPHTHA	64
TOLUENE	1
PROPANE	-

CAS REG. NO. 75-09-02 4742-89-8 108-88-3 74-98-6

NIOSH NO. PA8050000 DE3030000

X95250000

TX22750000

AMOUNT approx. 55%

Approx. 15% Approx. 3% Approx. 27%

## SECTION III - PHYSICAL/CHEMICAL INFORMATION

BOILING POINT: NA

VAPOR DENSITY (Air = 1): >1

**pH:** Neutral

**SPECIFIC GRAVITY: >1.0** 

FREEZING POINT: NA

VISCOSITY: 56 cP

**VAPOR PRESSURE:** 80 psig (70°F)

WATER SOLUBILITY: Negligible

EVAPORATION RATE (BuAc=1): <1

VOC: 4.9 lbs/gal

APPEARANCE AND ODOR: Black, viscous liquid with odor of hydrocarbon solvents. Odor threshold 10-15 ppm for Toluene, <300 ppm for VM&P Naphtha, 214 ppm for Methylene Chloride.

# **SECTION IV - FIRE & EXPLOSION HAZARD DATA**

**FLASH POINT:** propellant : -156° F (API established)

### **AUTOIGNITION TEMPERATURE:** Approximately 480° F (VM&P Naphtha)

#### **LEL:** 1.8 % **UEL:** 9.5%

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Chemical, water fog or spray.

**SPECIAL FIRE FIGHTING PROCEDURES:** If only water is available, use spray and not a direct hose stream. Isolate hazard area and do not permit unnecessary personnel to enter. Avoid breathing fumes or vapors. Wear full protective clothing, including NIOSH approved self contained breathing apparatus. Cool surrounding areas and exposed containers with water.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Do not spray near open flames. At elevated temperatures (>120<sup>°</sup>F) containers may vent, rupture or burst. Aerosol container; do not expose to temperature above 120<sup>°</sup>F.

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable under most conditions. Avoid high temperatures, sparks, open flame.

**INCOMPATIBILITY (Materials to avoid):** Strong oxidizing agents such as liquid chlorine, pure oxygen, sodium hypochlorite, and calcium hypochlorite.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and complex organic hydrocarbons may be formed upon combustion.

#### HAZARDOUS POLYMERIZATION: Will not occur.

### SECTION VI - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** Not determined for mixture; 25ppm for Methylene Chloride; 300 ppm for VM&P Naphtha; 100 ppm for Toluene; 1000ppm for Propane.

**COMPONENTS LISTED AS KNOWN OR POTENTIAL CARCINOGENS:** Methylene Chloride per OSHA Std. 29CFR Part 1910.1200

**HEALTH HAZARDS:** Intentional misuse use by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. In confined areas, vapors in high concentrations are anesthetic. Over exposure may result in light headedness, staggering gait, giddiness and possible nausea. Irritation to skin and respiratory tract. Methylene chloride is listed as a potential carcinogen by IARC. Methylene chloride has been shown to cause cancer in certain laboratory animals. Methylene chloride is not believed to pose a measurable carcinogenic risk when handled as directed.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory ailments

## ACUTE EFFECTS OF OVEREXPOSURE:

- **INHALATION:** May be irritating to mucous membranes. Inhalation of vapors may lead to giddiness, dizziness, nausea, and loss of consciousness.
- **SKIN CONTACT:** May be mildly irritating to the skin. Prolonged or repeated exposure may result in defatting of skin, possibly leading to dermatitis.
- **EYE CONTACT:** Short-term exposure may lead to irritation. NOTE: Wearing contact lenses is not recommended when using this product.
- **INGESTION:** Ingestion of the liquid may lead to vomiting.

CHRONIC EFFECTS OF OVEREXPOSURE: unknown

#### **EMERGENCY & FIRST AID PROCEDURES:**

- **INHALATION:** Move affected person to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if necessary. Seek medical advice.
- **SKIN CONTACT:** Flush with water, then wash affected area with soap and water. Remove contaminated clothing immediately and launder before reuse. If irritation develops, seek medical advice.
- **EYE CONTACT:** Flush with water for at least 15 minutes and seek medical advice.
- **INGESTION: DO NOT INDUCE VOMITING!** If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Seek medical advice.

TOXICITY INFORMATION:

Methylene Chloride	ihl-hmn Tclo	500 ppm/ 8 hr
	ivn-mus LD50	1500-2000 mg/kg
Toluene	ihl-hmn Tclo	200 ppm/ 8 hr
	ivn-mus LD50	5320 mg/kg
VMP & Naptha	ihl-hmn Tclo	600 ppm/ 8 hr
	ivn-mus LC50	>5000 mg/kg

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DANGER! FLAMMABLE!** Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking.

**LARGE SPILLS:** Isolate the hazard area and keep unnecessary personnel away. Wear NIOSHapproved protective clothing and self-contained breathing apparatus. Ventilate area. Confine free liquid by diking and remove liquid with explosion-proof vacuum truck or pump to chemical storage vessel. Soak up residue with inert absorbent material such as clay or sand; place in leak-free container, label as to contents, and hold for proper disposal. Dispose of spill material according to applicable regulations. DO NOT ALLOW MATERIAL TO ENTER SEWERS OR WATER COURSES LEADING TO SURFACE WATERS.

**SMALL SPILLS:** Take up with inert absorbent materials and place in non-leaking containers; label as to contents; seal tightly for proper disposal.

**WASTE DISPOSAL:** Dispose of material according to RCRA regulations. Do not puncture, incinerate, burn or store above 120°F. Exposure to heat or prolonged exposure to sun may cause can to burst. Discard empty can in accordance with local regulations. Do not place in home trash compactor.

**PRECAUTIONS FOR HANDLING AND STORING:** Contents of can under pressure. Do not store near areas that may exceed 120<sup>°</sup>F. Avoid inhalation of vapors and excessive or repeated skin contact.

## SECTION VIII - CONTROL MEASURES

**VENTILATION REQUIREMENT:** Local or mechanical explosion-proof.

**RESPIRATORY PROTECTION:** If exposure exceeds, or there is a possibility that it may exceed OSHA exposure limits use NIOSH-approved respirators. At extreme exposure levels, use self-contained breathing apparatus.

**PROTECTIVE GLOVES:** Chemically impervious.

**EYE PROTECTION:** Goggles.

**OTHER PROTECTIVE EQUIPMENT:** Chemical impervious clothing to prevent skin contact.

### SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not handle or store near heat, sparks, flame or strong oxidizers. Adequate ventilation required. Avoid breathing vapors; avoid prolonged or repeated skin contact.

### NOTE: FLAMMABLE LIQUID LABEL REQUIRED!

# **SECTION X - REGULATORY INFORMATION**

#### SARA (313) Chemicals:

This product contains toxic chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Dichloromethane	(	CAS # 75-09-2	55%		
U.S. Department of Labor NFPA Rating:					
Toxicity = 3	Reactivity = 0	FIRE = 3	Special = A		

# DATE OF ISSUE: February 18, 1998 SUPERSEDES: April 2, 1991

The information presented herein was prepared at TYCO ADHESIVES (R&D Laboratory, 17 Hartwell Avenue, Lexington, MA 02173, 781-861-3200 by qualified technical personnel, and to our knowledge it is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for his purposes. The data do not constitute a warranty, expressed or implied, statutory or otherwise, nor are they a representation for which TYCO ADHESIVES assumes legal responsibility. The data are submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with the applicable federal, state and local laws and regulations.