

REVISED 1/09

## MATERIAL SAFETY DATA SHEET

REPLACES 7/06

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Puyallup, WA. 98188  
(206) 575-0450

Gaco Western

1245 Chapman Dr.  
Waukesha, WI. 53186  
(414) 542-8072

**H-25**

VOC COMPLIANT

CHEMICAL FAMILY: Hypalon

TRADE NAME: Gacoflex

TRANSPORTATION EMERGENCY ASSISTANCE / CALL CHEMTREC / 800-424-9300

HMIS HAZARD RATINGS

**H:2 F:3 R:0 PP:I**

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT

**SECTION II - HAZARDOUS SUBSTANCES**

	Approx. % by Wt.	OSHA PEL	ACGIH TLV.
Perchloroethylene; <sup>(1)(2)</sup> CAS# 127-18-4	68	25ppm	200ppm
Xylene; <sup>(1)</sup> CAS# 1330-20-7	3	100ppm	150ppm

(1) This chemical is subject to SARA Title II Section 313 reporting.

(2) Perchloroethylene is a California Proposition 65 listed chemical.

**SECTION III - PHYSICAL DATA**

<b>BOILING RANGE:</b> 281-292 Deg. F	<b>WEIGHT PER GALLON:</b> 13.2 +/- 0.5 Lbs
<b>VAPOR DENSITY (air=1):</b> Heavier	<b>VAPOR PRESSURE (mm Hg @ 20C/68F)</b>
<b>% VOLATILE BY VOLUME:</b> 75+/- 2 %	Perchloroethylene: 14.0
<b>EVAPORATION RATE (ether=1):</b> Slower	Xylene: 6.0
<b>VOC:</b> 247 g/l (2.06 lbs/gal)	

**SECTION IV - FIRE & EXPLOSION HAZARD DATA****FLASH POINT:** 80 Deg F TCC**EXTINGUISHING MEDIA:** Foam, "alcohol" foam, CO2, dry chemical or water.**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters must wear self-contained respiratory equipment. Cool sealed containers with water spray to prevent boilover which may occur when temperature of material approaches boiling point of solvent.**UNUSUAL FIRE & EXPLOSION HAZARD:** Spills or leaks will readily form flammable mixtures at temperatures at or above the flash point. It is unlikely that this product will explode due to mechanical impact but fire or explosion may occur from static accumulation and discharge.**SECTION V - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE:** Irritation, central nervous system depression and organic injury possible from repeated or prolonged use or inhalation of

high concentrations of vapors. The inhalation of high concentrations of vapors may cause death. Studies indicate that perchloroethylene is an animal carcinogen. Available evidence suggests that it unlikely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure. Skin contact can cause severe irritation, defatting

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and dermatitis. Eye contact causes severe irritation, redness, tearing and blurred vision. **WARNING! THIS PRODUCT CONTAINS PERCHLOROETHYLENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.**

**EMERGENCY & FIRST AID:** If overcome by vapors, remove to fresh air. Give artificial respiration if needed. Eye contact; Flush 15 minutes with water and call a physician. Skin contact; Remove contaminated clothing and wash with soap and water. Ingestion; See a physician immediately.

**PRIMARY ROUTES OF ENTRY :** Dermal or inhalation most likely.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Chronic skin exposure may produce defatting and dermatitis. Eye contact may cause conjunctivitis. Long term exposure to low vapor concentrations may cause chronically progressive pulmonary disease.

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#### SECTION VI - REACTIVITY DATA

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**STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat, sparks and open flame

**INCOMPATIBILITY:** Water. Slow hydrolysis produces corrosive acid. Avoid strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Involvement in fire may produce hydrogen chloride and small amounts of phosgene and chlorine. Incomplete combustion may produce carbon monoxide and/or carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

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#### SECTION VII - SPILL OR LEAK PROCEDURES

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Keep people away. Ventilate enclosed spaces and avoid breathing vapors. Recover free liquid, cover with absorbent material. Collect for disposal into closed metal containers with non-sparking tools.

**WASTE DISPOSAL METHOD:** Do not dump in sewer, ground or any body of water. Dispose in accordance with local, state, and federal regulations.

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#### SECTION VIII - SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** Use organic vapor cartridges with a mechanical filter under ordinary conditions of use. In confined spaces, poorly ventilated areas or under spray application conditions, air supplied respirators or self contained breathing apparatus may be required.

**VENTILATION (Local/Mechanical Exhaust):** Mechanical equipment capable of keeping concentration below the TWA.

**PROTECTIVE GLOVES:** Chemical resistant gloves

**EYE PROTECTION:** Safety goggles

**OTHER PROTECTIVE EQUIPMENT:** Eye bath, face shield & safety shower.

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**SECTION IX - SPECIAL PRECAUTIONS & TOXICOLOGICAL PROPERTIES**

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**SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:** Avoid breathing vapors. Store in a cool dry place. Vapors from this product are heavier than air and will collect in low areas.

**TOXICOLOGICAL PROPERTIES:** Studies indicate that perchloroethylene is a probable human carcinogen. Keep exposure to lowest feasible concentration. Material may be harmful or fatal if swallowed. Vapor harmful. May cause skin or eye irritation.

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