

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER & CO., INC  
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100  
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: PERMA STICK (Aerosol)  
CHEMICAL NAME/SYNONYMS: Permanent Adhesive  
CHEMICAL FAMILY.....: Styrene butadiene copolymer type (SBR)  
FORMULA.....: Mixture  
PRODUCT CODE.....: 19-28

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH..... 1 \*  
\* FLAMMABILITY.. 4 \*  
\* REACTIVITY.... 0 \*  
\* PROTECTION.... B \*  
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
*Acetone	67-64-1	20-50	1000ppm	750ppm
Hexane	110-54-3	20	50 Ppm	50 Ppm
Propane/Isobutane Blend	74-98-6	27	1000 ppm	1000 ppm
	74-98-6		1000 ppm	1000 ppm

\*this ingredient is reportable under EPA SARA Title 111-please check applicable states for additional regulations.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
None listed	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

SIGNS AND SYMPTOMS OF EXPOSURE; INHALATION-Difficulty in breathing. SKIN-Redness. INGESTION-Vomiting.  
CHRONIC EFFECTS (Effects due to excessive exposure to the raw materials of this mixture):No data available. Would expect symptoms similar to painters syndrom for long term over-exposure.

PRIMARY ROUTES OF ENTRY-  
Inhalation, skin, ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
May aggravate existing eye, skin, upper respiratory, and possibly heart conditions.

EMERGENCY FIRST AID PROCEDURES-

EYE CONTACT: Flush with water for 15 minutes. If irritated, see physician.  
SKIN CONTACT: Wash with soap and water. If irritated, see physician.  
INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical aid.  
INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

**SECTION 4 - CHEMICAL DATA**

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BOILING POINT (F).....: N/I	SPECIFIC GRAVITY (WATER=1).....: 0.8
VAPOR PRESSURE (mmHg): 45psig	PERCENT VOLATILE BY VOLUME (%): N/A
VAPOR DENSITY (AIR=1): N/I	EVAPORATION RATE (N-Butyl Acetate =1): >5

SOLUBILITY IN WATER-  
nil

APPEARANCE AND ODOR INFORMATION-  
Yellow/Solvent Odor.

**SECTION 5 - PHYSICAL HAZARD DATA**

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FLASH POINT (Method Used): -40FT.C.C.      FLAMMABLE LIMITS : Lel=1.8      UEL=12.0

EXTINGUISHING MEDIA-  
Use water fog, dry chemical, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES-  
Self contained breathing apparatus. Aerosol cans may rupture when heated.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Do not expose aerosols to temperatures above 130F or the container may rupture explosively.  
EXTREMELY FLAMMABLE BY CPSC FLAME EXTENSION TEST.

INCOMPATIBILITY (Materials To Avoid)-  
Strong oxidizing agents, reactive metals such as aluminum, magnesium and sodium.

HAZARDOUS DECOMPOSITION PRODUCTS-

In fire will decompose to water, carbon dioxide, halogen acids and phosgene.

WILL HAZARDOUS POLYMERIZATION OCCUR-

No.

CONDITIONS TO AVOID FOR POLYMERIZATION-

None known.

IS THE PRODUCT STABLE-

Yes.

CONDITIONS TO AVOID FOR STABILITY-

Open flame, welding arcs, heat, sparks.

SECTION 6 - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

Absorb with suitable medium, put into container. Incinerate or landfill according to local, state or federal regulations. Allow solvents to evaporate. Clean up adhesive with sawdust.

WASTE DISPOSAL METHODS-

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. Evacuate to atmospheric pressure, wrap in paper and place in container for sanitary landfill, DO NOT INCINERATE! Do not dispose of full cans without consulting prevailing federal, state and local authorities.

SECTION 7 - EXPOSURE CONTROL INFORMATION

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VENTILATION-

LOCAL EXHAUST: Yes

SPECIAL.....: N/I

MECHANICAL (General): Do not exceed TLV.

OTHER.....: N/I

RESPIRATORY PROTECTION-

If vapor conc. exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

PROTECTIVE GLOVES-

None required if spraying.

OTHER PROTECTIVE EQUIPMENT-

Safety glasses recommended, long sleeve and long pants.

OTHER ENGINEERING CONTROLS-

N/A

WORK PRACTICES-

Clean up with waterless hand cleaner and/or soap and water.

HYGIENIC PRACTICES-

Wash with soap and water before handling food or using lavatory facilities.  
Remove contaminated clothing and launder before reuse.

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Do not puncture or incinerate containers. Do not store at temperatures above 130F. Keep boxes and cans dry to prevent rust penetration.

MAINTENANCE PRECAUTIONS-

N/I

OTHER PRECAUTIONS-

Avoid food contamination. KEEP OUT OF REACH OF CHILDREN. Remove ignition sources. Avoid breathing vapors. Do not flush to sewer.

ADDITIONAL COMMENTS-

SHIPPING NAME: Consumer Commodity ORM-D. Warning: Contents under pressure.  
NOT SUITABLE FOR AIR TRANSPORT.

For transportation emergency call INFOTRAC 1-800-535-5053 24 hr/7 days.