



Safety Data Sheet

1. Product and Company Identification

Material Name: 021052	Postal Code: NOB 1S0
Material Description: Chloroprene Tack Cement	Emergency Phone Number: 1-800-424-9300
Manufacturer: Polycorp Ltd.	Information Number: 519-846-2075
Address: 33 York Street Elora, Ontario, Canada	Website: www.poly-corp.com

2. Hazard(s) Identification

Potential Health Effects

Inhalation	Overexposure may cause severe respiratory tract irritation. Prolonged overexposure may cause central nervous system depression with narcotic effects (headaches, dizziness, unconsciousness). Keep exposure below OSHA exposure limits
Ingestion	Ingestion may cause severe injury to intestinal tract, liver, kidneys, stomach, throat, lungs, mouth and mucous membranes. Harmful or fatal if swallowed. Do not ingest.
Eyes	May cause severe irritation. May damage eyes.
Skin	Prolonged exposure may cause skin irritation May cause drying or flaking of skin. Skin absorption of material may cause systemic toxicity.

3. Composition / Information on Ingredients

Components	Weight Percent	CAS-No.	TLV	TLV-TWA	PEL-STEL
Toluene	10-30	108-88-3	20 ppm	200 ppm	300 ppm
Hexane	10-30	110-54-3	50 ppm	500 ppm	Not listed
Ethyl acetate	10-30	141-78-6	400 ppm	400 ppm	Not listed

4. First Aid Measures

Inhalation	Remove to fresh air. Restore breathing if necessary. Get medical attention. This material can cause lung damage.
Ingestion	If swallowed, seek medical attention immediately. Do not induce vomiting. This material is an aspiration hazard. Can enter lungs and cause damage.
Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists. Immediately remove contaminated clothing.



Safety Data Sheet

5. Fire Fighting Measures

OSHA FLAMMABILITY CLASS: IB

FLASHPOINT: <0°F, <-18°C (Tag Closed Cup)

LOWER EXPLOSIVE LIMIT: 1.0%

UPPER EXPLOSIVE LIMIT: 12.0%

GENERAL HAZARD: Flammable liquid. May release flammable mixtures when temperatures are at or above the flash point. Toxic gasses will form upon combustion. Closed containers may explode when exposed to extreme heat. Vapours are heavier than air and may travel a considerable distance to a source of ignition where they can ignite, flashback or explode. May create vapour/air explosion hazard indoors, outdoors, and in sewers.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection required for firefighting personnel. Full protective equipment and a self-contained breathing apparatus (SCBA) should be used in all indoor fires and any large outdoor fires.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, smoke and fumes, hydrocarbon fragments, chlorine, hydrochloric acid.

6. Accidental Release Measures

GENERAL INSTRUCTIONS: FLAMMABLE LIQUID. Keep all sources of ignition and hot metal surfaces away from spill. Isolate the danger area and keep out unauthorized personnel. Stop spill if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see section 8). Prevent additional discharge of material. Notify the appropriate authorities immediately. Contain spilled liquid with sand, earth or other non-combustible inert absorbent material. Prevent run-off from entering storm sewers, ditches or waterways. Use non-spark tools to transfer absorbed waste material into properly identified drums. Treat waste material with same precautions as the flammable adhesive.

Do not use solvent or flammable liquid to help clean up an accidental release.

Release to the environment may be reportable under environmental regulations.

7. Handling and Storage

HANDLING: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapours can be ignited by static discharge. Use spark proof tools and explosion proof equipment as directed by local fire codes. Do not enter confined spaces such as tanks without following proper entry procedures as described in OSHA regulations at 29 CFR 1910.146. Do not breathe vapours. The use of respiratory protection is recommended when airborne concentrations of vapour exceed exposure guidelines. Wash thoroughly after



Safety Data Sheet

handling. Do not wear contaminated clothing or shoes. Wear appropriate protective gloves and clothing to prevent prolonged or repeated skin contact. Avoid contact with eyes.

STORAGE: Keep containers tightly closed. Use and store this material in a cool, dry, well-ventilated area away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post area "No Smoking or Open Flames". Store only in approved containers. Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.

EMPTY CONTAINERS: May contain liquid and vapour residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in accordance with governmental regulations.

Wash with soap and water before eating, drinking, smoking or using toilet facilities.

Consult NFPA and OSHA codes.

8. Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge may be used under conditions where airborne concentrations are expected to exceed exposure guidelines. Protection provided by air purifying respirators is limited. Refer to respirator manufacturer's selection guide for appropriate respirator for conditions encountered. If in doubt, seek the advice of an industrial hygienist or safety professional for appropriate air purifying respiratory equipment.

Use positive pressure air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection. Respiratory protection does not provide safety from flammable atmospheres. Do not enter concentrations of vapours at, near or above the Lower Flammable Limit (LFL). When respiratory protection is used, a respiratory protection program meeting OSHA regulations at 29 CFR 1910.134 must be followed.

SKIN PROTECTION: The use of gloves impermeable to the specific material handled is advised to prevent prolonged or repeated skin contact. Where splashing is likely to occur, aprons impermeable to the specific material may be worn. Refer to the glove and protective clothing manufacturer's selection guide for appropriate material.

EYE PROTECTION: Approved chemical splash goggles should be worn to safeguard against potential eye contact, irritation or injury. Where splashing is likely to occur, hard hats and face shields may be used to provide additional protection. Eye wash facilities should be available in the work area.

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation to maintain exposure below TLV(s). The use of local exhaust ventilation is recommended. Provide mechanical ventilation of confined spaces. If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required. Use explosion proof ventilation equipment.

9. Physical & Chemical Properties

APPEARANCE AND ODOUR:	Light amber liquid, mild aromatic odour
SPECIFIC GRAVITY:	0.81 (68°F – 20°C)
pH:	Not applicable
BOILING POINT:	158°F, 70°C
FREEZING POINT:	<20°F, <-7°C
SOLUBILITY IN WATER:	Not soluble
% SOLIDS (BY WEIGHT):	25 ± 1%
% VOLATILE (BY WEIGHT):	75 ± 1%
VAPOUR PRESSURE (MM OF MERCURY):	141 mm of Hg @ 68°F, 20°C
VAPOUR DENSITY (AIR = 1):	3.0
EVAPORATION RATE (BUTYL ACETATE = 1):	8.3
EVAPORATION RATE (ETHYL ETHER = 1):	Slower than ethyl ether

10. Chemical Stability & Reactivity Information

CHEMICAL STABILITY: Keep away from flames and spark producing equipment. Not dangerously unstable. Avoid build-up of static electricity.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, acids, bases, or unstable chemicals, chloroform, nitric compounds, peroxides, sulfur dichloride, strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition is unlikely to occur, but under fire or extreme heat conditions, carbon monoxide, carbon dioxide, smoke and fumes, hydrocarbon fragments, chlorine and hydrochloric acid can be released.



Safety Data Sheet

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological Information

MATERIAL:	SKIN (Dermal LD50):	INGESTION (Oral LD50):
Toluene	12.1 g/kg (Rabbit)	3.0 g/kg Oral/Rat
Hexane	1.3 g/kg (Rabbit)	28.7 g/kg Oral/Rat
Ethyl acetate	>18 g/kg (Rabbit)	5.6 g/kg Oral/Rat

CHRONIC: Liver and kidney damage. May cause corneal opacity. May cause central nervous system depression causing headaches, nausea, dizziness and, in extreme cases, convulsions and coma. May cause birth defects.

CHRONIC / CARCINOGENICITY (CANCER CAUSING):

IARC: Not suspected as a human carcinogen.

OSHA: Not suspected as a human carcinogen.

NTP: Not suspected as a human carcinogen.

OTHER: None known.

12. Ecological Information

No data available.

13. Disposal Considerations

Incinerate at an EPA approved facility or dispose of in accordance with all federal, state/provincial and local regulations.

See Section 2, Page 1 of this MSDS for hazardous ingredients.

PROPER WASTE DISPOSAL IS THE RESPONSIBILITY OF THE OWNER OF THE WASTE! Call Polycorp Inc. if additional information is necessary.

14. Transport Information

D.O.T. / T.D.G.:

PROPER SHIPPING NAME: ADHESIVES

HAZARD CLASSIFICATION: 3

UN NUMBER: UN1133

PACKING GROUP: II All packaged material must be labeled in accordance with DOT and OSHA standards.

EMERGENCY RESPONSE GUIDE (ERG) #: 128



Safety Data Sheet

15. Regulatory Information

OSHA: Hazardous material by definition of hazard communication standard (29CFR 1910.1200).

PROPOSITION 65: This product contains the following chemicals known to the state of California (Proposition 65) to cause cancer or reproductive toxicity: Toluene.

SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of TITLE III of Superfund Amendments and Reauthorization Act of 1986 and CFR Part 372: Toluene.

V.O.C.: 5.08 Lbs/Gal. (SCAQMD Rule 1168)
608 G/L

VHAP: 1.4 lbs/lb solids

HAZARD INDEX: 0: Minimal Hazard 2: Moderate Hazard 4: Severe Hazard
1: Slight Hazard 3: Serious Hazard

16. Other Information

Version No. 1

All employees or contractors, etc., who use this product must have access to this Material Safety Data Sheet.

PREPARED BY: Polycorp ltd. Laboratory

March 9, 2016