

## Polycorp - T6005

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Polycorp - T6005
<b>Other Means of Identification</b>	T Series
<b>Other Identification</b>	Polycorp T6005 - With or Without Tie Gum
<b>Recommended Use</b>	Rubber Lining for Corrosion and Abrasion.
<b>Manufacturer</b>	Polycorp Ltd., 33 York Street West, Elora, Ontario, N0B 1S0, Canada
<b>Emergency Phone No.</b>	CHEMTREC, 1-800-424-9300
<b>SDS No.</b>	T6005

### SECTION 2. HAZARD IDENTIFICATION

#### Label Elements

Not Classified

The ingredients are bound within the matrix of the polymer to the extent that adverse effects are not expected at ambient temperatures. Hot processing operations produce vapours that may cause eye, skin or respiratory tract irritation. Toxic combustion products may be released under burning conditions.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	LC50	LD50 (Oral)
Carbon black	1333-86-4	10-30%	6750 mg/m3 (rat) (4-hour exposure)	> 8000 mg/kg (rat)
Zinc oxide	1314-13-2	1-5%	> 5700 mg/m3 (rat) (4-hour exposure)	> 5000 mg/m3 (rat)

#### Notes

This Mixture has not been evaluated as a whole. All ingredients are bound in a polymer matrix. The potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating or vulcanization and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respirator program, etc.) to protect his employees from exposure. The above ingredients which have a weight percent value under the OSHA column are considered hazardous per OSHA.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

### **Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

### **Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

### **Ingestion**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### **First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

### **Most Important Symptoms and Effects, Acute and Delayed**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Water fog. Foam. Dry chemical powder. Carbon Dioxide (CO2).

### **Specific Hazards Arising from the Product**

May accumulate in hazardous amounts at ceilings and at the top of confined spaces, resulting in a health hazard. Not known to generate any hazardous decomposition products in a fire.

### **Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Non-emergency personnel: use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

### **Environmental Precautions**

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### **Methods and Materials for Containment and Cleaning Up**

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal. Flush spill area.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Avoid generating dusts. Avoid ignition sources.

### **Conditions for Safe Storage**

Store in original tightly closed container separate from incompatible materials (see Section 10: Stability and Reactivity).

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Not available.

### **Appropriate Engineering Controls**

General ventilation is usually adequate.

### **Individual Protection Measures**

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**Eye/Face Protection**

Wear chemical safety goggles and face shield when contact is possible.

**Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

**Respiratory Protection**

Not normally required if product is used as directed.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Basic Physical and Chemical Properties**

**Appearance** Black.

**Other Information**

**Physical State** Solid

**SECTION 10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions of use, storage, and transport.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

Open flames, sparks, static discharge, heat and other ignition sources. Generation of dust.

**Incompatible Materials**

Increased risk of fire and explosion on contact with: water, oxidizing agents (e.g. peroxides).

**Hazardous Decomposition Products**

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Zinc oxide	> 5700 mg/m <sup>3</sup> (rat) (4-hour exposure)	> 5000 mg/m <sup>3</sup> (rat)	Not available
Carbon black	6750 mg/m <sup>3</sup> (rat) (4-hour exposure)	> 8000 mg/kg (rat)	Not available

**Skin Corrosion/Irritation**

Human experience and animal tests show no or very mild irritation.

**Serious Eye Damage/Irritation**

Human experience and animal tests show no or very mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

Not harmful based on human experience and animal tests.

**Skin Absorption**

Not harmful based on human experience and animal tests.

**Ingestion**

Not harmful based on human experience and animal tests.

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## STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

## Respiratory and/or Skin Sensitization

Not known to be a skin sensitizer.

Not known to be a respiratory sensitizer.

## Carcinogenicity

Not a carcinogen.

## Reproductive Toxicity

### Development of Offspring

Not known to harm the unborn child.

### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

## Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located. See Supplemental Information in Section 2.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. Dispose of contents and container in accordance with local, regional, national and international regulations. Empty containers retain product residue. Follow label warnings even if container appears to be empty.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This product is not known to be a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Polycorp Ltd.

**Date of Preparation** May 23, 2018

**Date of Last Revision** June 04, 2018

**Disclaimer** Polycorp cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and

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to assume liability for loss, injury, damage or expense due to improper use. The information in this sheet was written based on the best knowledge and experience currently available.

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