

MATERIAL SAFETY DATA SHEET



Approval Date: 6/24/12

Section 1. Chemical Product and Company Identification

Product Name: *Uroflex 65, Part B*
Chemical Name: Polyol Blend
Manufacturer: Pilgrim Permocoat, Inc.
402 S. 22nd Street
Tampa, Florida 33605
Tel: (813) 248-3328
Fax: (813) 248-1076
Emergency Telephone Numbers: INFOTRAC: Domestic, 1-800-535-5053
International, +1-352-323-3500

Section 2. Composition/Information on Ingredients

This product does not contain hazardous ingredients as defined in OSHA 29 CFR 1910.

Section 3. Hazards Identification

Emergency Overview

Pale yellow to dark brown liquid with a mild amine odor, will burn but is not ignited easily. Combustion may produce aromatic or aliphatic fragments, carbon monoxide, and carbon dioxide. If exposed to vapors or mists at elevated temperatures and breathing becomes difficult, remove to fresh air and get medical attention if other symptoms occur. No symptoms are likely to occur from skin contact. Eye contact may cause minor discomfort and irritation.

The following ratings are subjective. They are provided as a quick hazard guide only. Read the entire MSDS before using the product.

Hazard Rating System:

	Health	Flammability	Reactivity	Incompatibility	PPE
NFPA:	1	1	0	NONE	----
HMIS:	2	1	0	----	B

0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe, * chronic health hazard

Potential Health Effects, Signs, and Symptoms of Exposure:

Inhalation: Avoid breathing vapors or mists.

Ingestion: Small amounts (tablespoon) swallowed during normal handling is not likely to cause injury; swallowing larger amounts may be harmful.

Skin Contact: Product does not generally irritate, but may be mildly irritating to broken or otherwise damaged skin.

Eye Contact: May cause slight irritation.

Section 4. First Aid Measures

Eyes: In case of contact, immediately flush with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: In case of contact, wash with soap and water.

Inhalation: If affected by inhalation of vapor or spray mist, remove to fresh air and get medical attention if cough or other symptoms occur.

Ingestion: If swallowed, do not induce vomiting. Drink several glasses of water or milk to dilute. Never give anything by mouth to an unconscious person. Get medical advice immediately. This material has a low toxicity by ingestion.

Medical Conditions Generally Aggravated by Exposure: There are no known toxic effects on the body. Material is considered a non-hazardous material. However, as with any chemical, avoid ingestion, inhalation, and undue contact.

Section 5. Fire Fighting Measures

Combustion may produce aromatic or aliphatic fragments, carbon monoxide, and carbon dioxide.

Flash Point: 179°C

Flame Point: ND

Auto-Ignition Temperature: ND

UEL/LEL: ND

Extinguishing Media: Use water, dry chemical, foam or carbon dioxide. Water may be ineffective, but should be used to keep fire-exposed containers cool.

Special Fire Fighting Procedures: Wear full-face SCBA and full protective gear. Keep personnel away from smoke and fumes. Spray drums with water to cool and reduce rupture potential.

Section 6. Accidental Release Measures

Spill or Release Procedures: Dike spill and take up material with sand, earth or other absorbent. Transfer to drums for disposal.

Section 7. Handling and Storage

Handling: Use with adequate ventilation. Avoid prolonged contact.

Storage: Store below 120°F. Keep drums bunged tight. Material is hygroscopic and will pick up atmospheric moisture.

Section 8. Exposure Controls/Personal Protection

Exposure Controls: Good general ventilation should be sufficient to control airborne levels.

Personal Protection:

Eye/Face: Eye protection including safety glasses and/or face shields should be worn whenever the potential contact with the eye exists. This includes dispensing or spraying if applicable. Suitable emergency eye wash facilities or other sufficient water supply is required to be available for emergency use.

Skin: Wear protective gloves to prevent accidental contact.

Respiratory: This material does not have established exposure limits. Wear a positive pressure air-supplied respirator where there may be potential for airborne exposure.

Section 9. Physical and Chemical Properties

Form: Liquid

Odor: sweetish, mild

Appearance: Gray Liquid

Decomposition Temperature: ND

Evaporation Rate: NA

Freezing/Melting Point: ND

pH: approximately 8-9

Specific Gravity: 1.05 @ 77°F

Viscosity: 1,900 mPa.s @ 77°F

Vapor Density: ND

Vapor Pressure: ND

Percent Volatile: Nil

Solubility in Water: Slight

Section 10. Stability and Reactivity

Chemical Stability: Stable

Incompatibility with Other Materials: Avoid strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Combustion may produce aromatic or aliphatic fragments, carbon monoxide, or carbon dioxide.

Section 11. Toxicological Information

No toxicological studies have been completed on the product, but similar materials have low human and animal toxicity.

Section 12. Ecological Information

Chemical Fate Information: ND

Biodegradability: ND

Section 13. Disposal Considerations

This product as shipped is not RCRA hazardous. Follow appropriate US EPA and state environmental regulations.

Section 14. Transport Information

Land Transport (DOT)

Non-Regulated

Sea Transport (IMODG)

Non-Regulated

Air Transport (ICAO/IATA)

Non-Regulated

Section 15. Regulatory Information

U.S. EPA CERCLA Hazardous Substances (40CFR302.4)

Components

None

Reportable quantity

U.S. EPA SARA TITLE III: Section 311/312 Categorizations (40CFR370):

None

U.S. EPA Emergency Planning and Community Right-to-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40CFR 355, Appendix A):

Components

None

U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40CFR372.65)-Supplier Notification Required:

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

US Toxic Substances Control Act:

All components of this material are in compliance with the current inventory requirements.

State Right-to-Know Information

The following chemical is specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Weight % Components CAS-No.

California Prop. 65:

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

Section 16. Other Information

Abbreviations:

- ACGIH – American Conference of Governmental Industrial Hygienists
- CASRN – Chemical Abstracts Service Registry Number
- IARC – International Agency for Research on Cancer
- N/A – Not Applicable
- N/D – Not Determined
- N/E – Not Established
- NTP – National Toxicology Program
- OSHA – Occupational Safety & Health Administration
- PEL – Permissible Exposure Limit
- PPE – Personal Protective Equipment
- STEL – Short Term (15 min.) Exposure Limit
- STP – Standard Temperature and Pressure
- TLV – Threshold Limit Value
- TWA – Time Weighted Average (8 hr.)

TSE Industries, Inc. makes no representations or warranties with respect to the information in this Material Safety Data Sheet. The information is, however, correct and up to date to the best of Pilgrim's knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than or in addition to that, which is provided herein. Pilgrim makes no representations or warranties that the material meets the requirements and/or regulations of any country other than the United States. It is the end user's responsibility to determine whether this material meets their intended purpose and whether it complies with the laws and applicable regulations of their particular country.