MATERIAL SAFETY DATA SHEET

WHMIS Hazard Classification: H F R P **Date: 9.8.11**

SECTION I PRODUCT IDENTIFICATION

Product Identifier: Power Kote III (Part A)
Product Use: To be mixed with Part B of Pro-Seal System.

Supplier's Name: Pro-Seal Products
Address: 16541 Redmond Way Suite 363C
Redmond, WA 98052

Emergency Number: (800) 424-9300 **Information:** (800) 349-7325

SECTION II HAZARDOUS INGREDIENT

Compound	%	CAS#	LD_{50} Species/Route	LC_{50} Species/Route
Bisphenol F Resin		28064-14-4	4000 mg/kg (rabbit)	6000 mg/kg (rabbit)
Bisphenol A Resin		25085-99-8	5000 mg/kg (rat)	2000 mg/kg (rabbit)
Epichlorohydrin (<5ppm)		106-89-8	175 mg/kg (rat)	2165 mg/kg (rat)

SECTION III PHYSICAL DATA

Odor & Appearance: Clear pale yellow viscous liquid with a slight aromatic odor
Odor Threshold:
Physical State: 1.203
Specific Gravity:
Vapor Density:
Boiling Point (mmHg):
pH

Evaporation Rate: Slower than Butyl Acetate
Vapor Pressure: 1.0 mm Hg
Freezing Point:
Solubility in Water: Negligible
Melting Point: Less than –10°F

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 482°F Seta Flash
Auto Ignition Temp:
Flammability Limits In Air: N/A
l.e.l: **u.e.l**:
Extinguishing Media: Dry chemical – carbon dioxide preferred.
Special fire fighting Procedures: Remove all ignition sources. Wear self contained breathing apparatus and complete personal protective equipment when entering confined areas where there is a potential of exposure to vapors or products of combustion.
Unusual Fire & Explosion Hazards: When mixed with strong acids (organic/inorganic), strong oxidizing agents and bases.
Sensitivity to Static Discharge:
Sensitivity to Impact: N/A

SECTION V REACTIVITY DATA

Stability: Stable
Incompatibility: Strong acids, bases and oxidizers
Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: Carbon monoxide and carbon dioxide, acid smoke and phenolics.
Hazardous Polymerization: Will auto polymerize at very high temperatures

SECTION VI TOXICOLOGICAL DATA

Route of Entry: Ingestion, inhalation, skin, eyes.
Exposure Limits:
Effects of Acute Exposure:
Eye: This material is moderately irritating to the eye.
Skin contact: This material can be a skin irritant.
Skin absorption: Not likely to be absorbed through the skin.
Ingestion: Will cause illness.
Inhalation: Inhalation is unlikely except at elevated temperatures and may cause an allergic reaction.
Carcinogenicity, Reproductive Toxicity, Teraogenicity, Mutagenicity: A two year painting study on rodents showed no rodents showed no significant carcinogenic effect.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS

SECTION VII PREVENTATIVE MEASURES

Respiratory Protection: If vapors are present, use a NIOSH/MSHA approved positive pressure, supplied respirator.
Ventilation: Use and store only with adequate ventilation or use respiratory protection.
Protective Gloves: For operations with contact wear impervious gloves (neoprene recommended).
Eye Protection: If potential for splashing is present, splash goggles or a full face shield should be worn.
Other Protective Equipment: Safety shower and emergency eyewash stations must be close to any area of possible exposure.
Leaks or Spill Procedures: Remove all possible sources of ignition or polymerization (see Section V). Equip personnel with proper protection. Dike in spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.
Waste Disposal: Remove contaminated materials for disposal as a hazardous waste at a permitted facility using registered transports. Dilute aqueous waste is biodegradable.
Precautions To Be Taken In Handling And Storage: Avoid contamination of skin. Discard contaminated shoes. Wash clothing.

SECTION VIII CONTROL MEASURES/PROTECTION INFORMATION

Emergency and First Aid Procedures:
Eyes: Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.
Skin: Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for 10 minutes. It is not recommended to remove resin from skin with solvents. Solvents only increases contact and dry the skin.
Inhalation: Remove to fresh air. If breathings labored administer oxygen. Call physician.
Ingestion: Induce vomiting only if person is conscious. Obtain emergency medical help.

SECTION IX PREPARATION INFORMATION

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information. Pro-Seal Systems Div ICP, Inc extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes of for consequences of its use.	Created By: MF

MATERIAL SAFETY DATA SHEET

WHMIS Hazard Classification: H F R P **Date: 9.8.11**

SECTION I PRODUCT IDENTIFICATION

Product Identifier: Power Kote III (Part B)
Product Use: To be mixed with Part A of Pro-Seal System.

Supplier's Name: Pro-Seal Products
Address: 16541 Redmond Way Suite 363C
Redmond, WA 98052

Emergency Number: (800) 424-9300 **Fax:** (425) 488-6926
Information: (425) 488-6570

SECTION II HAZARDOUS INGREDIENT

Compound	**%**	**CAS#**	**LD_{50} Species/Route**	**LC_{50} Species/Route**
Triethylenetetramine (TETA) Carboxylic acid glycidyl ester adduct	90%	68187-39-3		
Triethylenetetramine (TETA)	10%	112-24-3		

SECTION III PHYSICAL DATA

Odor & Appearance: Clear to amber, mobile liquid with an amino odor
Odor Threshold:
Physical State: Liquid
Specific Gravity:
Vapor Density:
Boiling Point (mmHg):
pH

Evaporation Rate: Slower than Butyl Acetate
Vapor Pressure: 1.0 mm Hg
Freezing Point:
Solubility in Water: Practically Insoluble
Melting Point:

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 200°F Seta Flash
Auto Ignition Temp:

Flammability Limits In Air: N/A
l.e.l: **u.e.l**:

Extinguishing Media: Use carbon dioxide or dry chemical for small fires, aqueous foam or water for large fires..
Special fire fighting Procedures: Remove all ignition sources. Wear self contained breathing apparatus and complete personal protective equipment when entering confined areas where there is a potential of exposure to vapors or products of combustion.
Unusual Fire & Explosion Hazards: Closed containers may rupture (due to pressure build up)
Sensitivity to Static Discharge:
Sensitivity to Impact: N/A

SECTION V REACTIVITY DATA

Stability: Stable
Incompatibility:
Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: Carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION VI TOXICOLOGICAL DATA

Route of Entry: Ingestion, inhalation, skin, eyes.
Exposure Limits:
Effects of Acute Exposure:
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TOXICOLOGICALLY SYNERGISTIC PRODUCTS

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