

MATERIAL SAFETY DATA SHEET

WHMIS Hazard Classification: H F R P

Date: 9.1.08

SECTION I PRODUCT IDENTIFICATION

Product Identifier: AGV Kote I (Part A)
Product Use: To be mixed with Part B of Pro-Seal coating 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 (<5 ppm)		106-89-8	175 mg/kg (rat)	2165 mg/kg (rat)
Polysiloxane-polyether-co-polymer	<1%			
CaSiO ₃ Clacium Metasilicate	<5%			

SECTION III PHYSICAL DATA

Odor & Appearance: Clear, light colored viscous liquid with a mild odor
Odor Threshold: N/A
Physical State: N/A
Specific Gravity: N/A
Vapor Density: Heavier than air
Boiling Point (mmHg): No data
pH

Evaporation Rate: Slower than Butyl Acetate
Vapor Pressure: 1.0 mm Hg
Freezing Point: No data
Solubility in Water: Practically insoluble

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 400°F Seta Flash
 (Not material rating Flash Point) **Flammability Limits In Air:** N/A

Auto Ignition Temp: **i.e.I:** No Data **u.e.I:** N/A

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:

SECTION V REACTIVITY DATA

Stability: Stable

Incompatibility:

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

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 for 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.

Ingestion: Induce vomiting only if person is conscious. Obtain emergency medical help.

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: AGV Kote I (Part B)
Product Use: To be mixed with Part A of Pro-Seal coating system.
Supplier's Name: Pro-Seal Products
Address: 16541 Redmond Way Suite 363C Redmond, WA 98052
Emergency Number: (800) 424-9300
Information: (425) 488-6570
Fax: (425) 488.6926

SECTION II HAZARDOUS INGREDIENT

Table with 5 columns: Compound, %, CAS#, LD50 Species/Route, LC50 Species/Route. Rows include Triethylenetetramine (TETA) Carboxylic acid glycidyl ester adduct, Inert Alumina Silicate Glass, CaSiO3 Calcium Metasilicate, Iron Oxide, and (C6H10Os)n Cellulose.

SECTION III PHYSICAL DATA

Odor & Appearance: Clear to amber, mobile liquid w/amino odor
Odor Threshold:
Evaporation Rate:
Vapor Pressure: 1.0 mm Hg
Freezing Point: No data
Solubility in Water: Practically insoluble
Physical State: liquid
Specific Gravity:
Vapor Density: Heavier than air
Boiling Point (mmHg): No data
pH

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 200°F Seta Flash
Auto Ignition Temp: None Known
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:

SECTION V REACTIVITY DATA

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

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 for 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. Ingestion: Induce vomiting only if person is conscious. Obtain emergency medical help.

Inhalation: Remove to fresh air. If breathings labored administer oxygen. Call physician.

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MATERIAL SAFETY DATA SHEET

WHMIS Hazard Classification: H F R P

Date: 9.8.11

SECTION I PRODUCT IDENTIFICATION

Product Identifier: AGV KOTE (Part C)
Product Use: To be mixed with Part A and B of Pro-Seal coating 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
Ca Si O ₃	10	13983-17-0		
Si O ₂	60			
Al ₂ O ₃	5			
MICA	10			
(C ₆ H ₁₀ O ₅) _n	5			
Oxides of silicon, calcium, aluminum, magnesium, and boron fused in an amorphous citreous state,	5			

SECTION III PHYSICAL DATA

Odor & Appearance: Brown color mineral mixture with no odor.

Physical State: Powder **Evaporation Rate:** None

Specific Gravity: **Vapor Pressure:** @ 20°C:0.0

Vapor Density: **Freezing Point:**

Boiling Point (mmHg): Non-liquid **Solubility in Water:** Practically insoluble

pH

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): Non-Flammable **Flammability Limits In Air:** N/A
 (Not material rating Flash Point)

Auto Ignition Temp: **I.e.I:** No Data **u.e.I:** N/A

Extinguishing Media: Water, will not burn under any normal conditions.

Special Fire Fighting Procedures: Not required smother with sand or use water

Unusual Fire & Explosion Hazards: None

Sensitivity to Static Discharge:

Sensitivity to Impact: N/A

SECTION V REACTIVITY DATA

Stability: Stable

Hazardous Decomposition Products:

Incompatibility: None

Hazardous Polymerization: Will not occur.

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, Teratogenicity, 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. Ingestion: Induce vomiting only if person is conscious. Obtain emergency medical help.

Inhalation: Remove to fresh air. If breathings labored administer oxygen. Call physician

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