

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Material Identification: Pro+SeramKote Paver & Masonry CPT PT-775 (Part A)			
SMT Manufacturing 4855 Distribution Ct. #10 Orlando, FL 32822		386-447-0900 Phone 386-447-0910 FAX	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
CAS Number	Wt%	Components	Exposure Limits
67-56-1	<1%	Methyl Alcohol	OSHA TWA 200 ppm, 260 mg/m ³ ACGIH TLV-skin: TWA 200ppm, STEL 250 ppm
Proprietary - Mixture	>98%	Alkoxysilanes	None established; guide TWA 50 ppm
NFPA/HMIS Code: Health 1, Flammability 3, Reactivity 0 Will emit vapors of methanol if seal is broken and mixture is exposed to moisture.			
Section 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: Not Applicable (non-aqueous)</p> <p>Solubility in water: none</p> <p>Appearance: Clear liquid</p> <p>Odor: Strong Odor (methanol)</p> <p>Specific Gravity @ 25C: 0.95</p> <p>Boiling Point: >35⁰ C., >95⁰ F.</p> <p>VOC Content: 3.52 lbs./gal, 428 g/liter (Components A, B & C mixed)</p>			
SECTION 4: FIRE AND EXPLOSION HAZARD OF MATERIAL			
<p>FLASH POINT: 46.9 degrees F./8.3 degrees C.</p> <p>FIRE HAZARDS: Static electricity may accumulate and ignite vapors. Prevent a possible fire hazard by suitable means, such as bonding, grounding, inert gas purge, vapor dilution and the like. Vapors are heavier than air and can travel along the ground to remote ignition sources.</p> <p>UNUSUAL FIRE HAZARDS: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Silicon Dioxide, Carbon Dioxide and traces of incompletely burned carbon compounds, Formaldehyde.</p> <p>EXTINGUISHING MEDIA: Carbon Dioxide (CO₂), Water Fog, Dry Chemical, Foam.</p> <p>UNSUITABLE EXTINGUISHING MEDIA: Water. (closed containers may be cooled)</p> <p>FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Heat exposure pressurizes closed containers. Evacuate the area in cases of overheating or fire.</p>			
SECTION 5: HEALTH AND HAZARD DATA			
<p>Acute Effects:</p> <p>EYE CONTACT: Causes eye irritation.</p> <p>SKIN CONTACT: Causes skin irritation.</p> <p>INHALATION: Vapor may irritate nose and throat. Overexposure may cause drowsiness.</p> <p>INGESTION: Product contains small amounts of methyl alcohol which may cause nausea, vomiting, abdominal pain, flushing of the face, hypotension, weakness and loss of consciousness if large amount of product is swallowed.</p>			

SECTION 5: HEALTH AND HAZARD DATA (cont.)**Prolonged/Repeated Exposure Effects:****EYE CONTACT:** May cause irritation; blindness**SKIN CONTACT:** May cause irritation, dermatitis.**INHALATION:** Product generates methyl alcohol when exposed to moisture, which may cause blindness and damage to nervous system.**INGESTION:** Product generates methyl alcohol, which may cause blindness and possibly death, if swallowed.**SIGNS AND SYMPTOMS OF EXPOSURE:** Burning pain in the nose and throat (inhalation), pain, redness and tearing (eye exposure), itching or burning (skin exposure).**SPECIAL HAZARDS:**

Carcinogens – none known

Teratogens – none known

Mutagens – none known

Reproductive Toxins – none known

Sensitizers – When heated to temperatures above 150 degrees C., in the presence of air, product can form formaldehyde vapors (formaldehyde is a potential cancer hazard; a known skin and respiratory sensitizer and an irritant to the eyes, nose, throat, skin and digestive system).

SECTION 6: FIRST AID MEASURES**EYES:** Immediately flush with water for 15 minutes.**SKIN:** No first aid should be needed. Wash with soap and water.**INHALATION:** Remove to fresh air. Get medical attention if ill effects persist.**ORAL:** Get medical attention. If conscious, induce vomiting. Lie down, keep warm and cover eyes to exclude light.**COMMENTS:** Treat same as methyl alcohol poisoning.**SECTION 7: REACTIVITY DATA****STABILITY:** Stable**HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur.**CONDITIONS TO AVOID:** None**MATERIALS TO AVOID:** Concentrated nitric and sulfuric acids, strong oxidizers, aldehydes, halogens and halogen compounds.**SECTION 8: LEAK OR SPILL INFORMATION****CONTAINMENT/CLEAN UP:**

Disposal of collected product, residues and clean up materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations. Remove possible ignition sources and if needed, use non-sparking tools and equipment. To prevent possible spontaneous combustion, store rags, mops, absorbent, etc; used during clean up in appropriate containers covered with water. Mop, wipe or soak up with absorbent material and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Clean any remaining slippery surfaces by appropriate techniques, such as washing with mild, caustic detergents or solutions; or high-pressure steam for large areas. Observe any safety precautions applicable to the cleaning material used.

SECTION 9: PERSONNEL PROTECTION INFORMATION**RESPIRATORY PROTECTION:** Respiratory protection is not required provided adequate local exhaust ventilation is provided per recommended exposure guidelines. Avoid enclosed spaces for mixing or applying. When needed, use respiratory protection NIOSH – ½ face, black cartridge, minimum.**GLOVES:** Washing at mealtime and end of shift, no special protection is needed. Rubber or latex gloves are adequate for preventing skin irritation.

SECTION 9: PERSONNEL PROTECTION INFORMATION (cont.)														
<p>EYE PROTECTION: Safety glasses at a minimum.</p> <p>PROTECTIVE EQUIPMENT: Eye-wash station (bottle) should be within direct access of work area.</p> <p>PERSONAL HYGIENE: Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.</p> <p>Engineering Controls: Local ventilation recommended.</p>														
SECTION 10: TRANSPORT INFORMATION														
<p>DOT Information: (49 CFR 172.101)</p> <p>Proper Shipping Name: FLAMMABLE LIQUID, n.o.s.</p> <p>Hazard Technical Name: METHOXYSILANE/METHANOL</p> <p>Hazard Class: 3</p> <p>UN Number: UN1993</p> <p>Packing Group: II</p>														
SECTION 11: HANDLING AND STORAGE														
<p>Handling: No special precautions provided containers are undamaged. Product evolves flammable methyl alcohol when exposed to moisture or humid air. Use with adequate ventilation. Avoid eye contact. Avoid breathing vapors. Do not take internally. No eating, drinking, smoking, or hot work in work area</p> <p>Storage: Keep container closed and stored away from heat, sparks and open flame. Keep container closed and store away from water or moisture.</p>														
SECTION 12: REGULATORY INFORMATION														
<p>EPA SARA Title III Chemical Listings:</p> <p>Section 304 CERCLA Extremely Hazardous Substance: None</p> <p>Section 304 CERCLA Hazardous Substances:</p> <table border="1"> <thead> <tr> <th><u>C.A.S. Number</u></th> <th><u>Wt%</u></th> <th><u>Component Name</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>67-56-1</td> <td>2%</td> <td>Methyl Alcohol</td> <td>5000.00 lb rq</td> </tr> </tbody> </table> <p>Section 312 Hazard Class – Acute: Yes Chronic: Yes Fire: Yes Pressure: No Reactivity: No</p> <p>Section 313 Toxic Chemicals:</p> <table border="1"> <thead> <tr> <th><u>C.A.S. Number</u></th> <th><u>Wt%</u></th> <th><u>Component Name</u></th> </tr> </thead> <tbody> <tr> <td>67-56-1</td> <td>2%</td> <td>Methyl Alcohol</td> </tr> </tbody> </table>	<u>C.A.S. Number</u>	<u>Wt%</u>	<u>Component Name</u>		67-56-1	2%	Methyl Alcohol	5000.00 lb rq	<u>C.A.S. Number</u>	<u>Wt%</u>	<u>Component Name</u>	67-56-1	2%	Methyl Alcohol
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67-56-1	2%	Methyl Alcohol	5000.00 lb rq											
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67-56-1	2%	Methyl Alcohol												
SECTION 13: DISPOSAL CONSIDERATIONS														
<p>RCRA Hazard Class (40 CFR 261)</p> <p>When a decision is made to discard this material, as received, is it classified as a hazardous waste: Yes</p> <p>Characteristic Waste: Ignitable: D001</p> <p>State or local laws may impose additional regulatory requirements regarding disposal</p>														

Revision:	2/6/08
Prepared by:	SMT Manufacturing 4855 Distribution Ct. #10 Orlando, FL 32822

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Material Identification: Pro+SeramKote Paver & Masonry CPT PT-775 (Part B)			
SMT Manufacturing 4855 Distribution Ct. #10 Orlando, FL 32822		386-447-0900 Phone 386-447-0910 FAX	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
CAS Number	Wt%	Components	Exposure Limits
7732-18-5	>95%	Distilled Water	Not Applicable
64-19-7	<5%	Acetic acid	TWA 10ppm (25mg/m3), ST 15ppm
NFPA/HMIS Code: Health 0, Flammability 0, Reactivity 0			
Section 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: 4-6 Solubility in water: complete Appearance: Clear liquid Odor: mild odor of vinegar Specific Gravity @ 25C: not determined Boiling Point: not determined VOC Content: N/A</p>			
SECTION 4: FIRE AND EXPLOSION HAZARD OF MATERIAL			
<p>FLASH POINT: Not flammable UNUSUAL FIRE HAZARDS: None EXTINGUISHING MEDIA: Use media suitable for surrounding area. UNSUITABLE EXTINGUISHING MEDIA: None</p>			
SECTION 5: HEALTH AND HAZARD DATA			
<p>EYE CONTACT: Causes eye irritation. SKIN CONTACT: May cause skin irritation. INHALATION: Inhaling mist may cause respiratory irritation. INGESTION: None. SIGNS AND SYMPTOMS OF EXPOSURE: Burning pain in the nose and throat (inhalation), pain, redness and tearing (eye exposure), itching or burning (skin exposure).</p> <p>SPECIAL HAZARDS: Carcinogens – none known Teratogens – none known Mutagens – none known Reproductive Toxins – none known Sensitizers – none known.</p>			
SECTION 6: FIRST AID MEASURES			
<p>EYES: Immediately flush with water for 15 minutes. SKIN: No first aid should be needed. Wash with soap and water. INHALATION: Remove to fresh air. ORAL: N/A</p>			

SECTION 7: REACTIVITY DATA
<p>STABILITY: Stable</p> <p>HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.</p> <p>CONDITIONS TO AVOID: None</p> <p>MATERIALS TO AVOID: None.</p>
SECTION 8: LEAK OR SPILL INFORMATION
<p>CONTAINMENT/CLEAN UP: Not applicable; product is non-hazardous. Check local regulations for proper disposal of dilute organic acids.</p>
SECTION 9: SPECIAL PROTECTION INFORMATION
<p>RESPIRATORY PROTECTION: Respiratory protection is not required.</p> <p>GLOVES: Washing at mealtime and end of shift, no special protection is needed. Rubber or latex gloves are adequate for preventing skin irritation.</p> <p>EYE PROTECTION: Safety glasses at a minimum.</p> <p>PROTECTIVE EQUIPMENT: Eye-wash station (bottle) should be within direct access of work area.</p> <p>PERSONAL HYGIENE: Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse</p>
SECTION 10: TRANSPORT INFORMATION
<p>DOT Information: (49 CFR 172.101)</p> <p>Proper Shipping Name: N/A (not regulated)</p> <p>Hazard Technical Name: N/A (not regulated)</p> <p>Hazard Class: N/A (not regulated)</p> <p>UN Number: N/A (not regulated)</p> <p>Packing Group: N/A (not regulated)</p>
SECTION 11: HANDLING AND STORAGE
<p>Handling: No special precautions</p> <p>Storage: Do not freeze</p>
SECTION 12: REGULATORY INFORMATION
<p>EPA SARA Title III Chemical Listings:</p> <p>Section 304 CERCLA Extremely Hazardous Substance: None</p> <p>Section 304 CERCLA Hazardous Substances: None</p> <p>Section 312 Hazard Class –</p> <ul style="list-style-type: none"> Acute: No Chronic: No Fire: No Pressure: No Reactivity: No <p>Section 313 Toxic Chemicals: None.</p>

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MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Material Identification: Pro+SeramKote Paver & Masonry CPT PT-775 (Part C)			
SMT Manufacturing 4855 Distribution Court #10 Orlando, FL 32822		386-447-0900 Phone 386-447-0910 FAX	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
CAS Number	Wt%	Components	Exposure Limits
67-63-0	<33%	Dimethyl carbinol	TWA 400 ppm, STEL 500 ppm
001569-01-3	<66%	Propylene glycol n-propyl ether	None established
Proprietary	<5%	Alkoxysilanes	None established; guide TWA 50 ppm
NFPA/HMIS Code: Health 1, Flammability 3, Reactivity 0 Will emit vapors of methanol if seal is broken and mixture is exposed to moisture.			
SECTION 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: Not applicable (non-aqueous) Solubility in water: Complete Appearance: Clear Liquid (colorless) Odor: Strong Odor (rubbing alcohol) Specific Gravity @ 25 C: 0.85 Boiling Point: Miscible blend, approximately 83⁰ C., 181⁰ F. VOC Content: 3.52 lbs/gal, 428 g/liter (Components A, B & C mixed)</p>			
SECTION 4: FIRE AND EXPLOSION HAZARD OF MATERIAL			
<p>FLAMMABLE LIMITS IN AIR: LEL: 2.0% UEL (200°F): 12.7% Volume percent FLASH POINT: 53.0 Degrees F./12.0 Degrees C. FIRE HAZARDS: Static electricity may accumulate and ignite vapors. Prevent a possible fire hazard by suitable means, such as bonding and grounding, inert gas purge, vapor dilution and the like. Vapors are heavier than air and can travel along the ground to remote ignition sources. INCOMPATIBILITY (materials to avoid): heat, sparks, open flame. EXTINGUISHING MEDIA: Carbon Dioxide (CO₂), Water Fog, Dry Chemical UNSUITABLE EXTINGUISHING MEDIA: Water (can be used to cool closed containers) FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Heat exposure pressurizes closed containers. Evacuate the area in cases of overheating or fire.</p>			

SECTION 5: HEALTH AND HAZARD DATA**EYE CONTACT:** Causes eye irritation**SKIN CONTACT:** Causes skin irritation**INHALATION:** May cause nonspecific discomfort such as nausea, headache or weakness; irritation of the upper respiratory passages with coughing and discomfort; or temporary nervous system depression with anesthetic effects such as dizziness, headache, confusion, incoordination or loss of consciousness.**INGESTION:** Product contains dimethyl carbinol and small amounts of methyl alcohol, which may cause nausea, vomiting, abdominal pain, flushing of the face, hypotension, weakness and loss of consciousness if large amount of product is swallowed.**SIGNS AND SYMPTOMS OF EXPOSURE:** Burning pain in the nose and throat (inhalation), pain, redness and tearing (eye exposure), itching or burning (skin exposure).**SPECIAL HAZARDS:**

Carcinogens – none known

Teratogens – none known

Mutagens – none known

Reproductive Toxins – none known

Sensitizers – None known.

SECTION 6: FIRST AID MEASURES**EYES:** Immediately flush with water for 15 minutes.**SKIN:** No first aid should be needed. Wash with soap and water.**INHALATION:** Remove to fresh air. Get medical attention if ill effects persist.**ORAL:** Get medical attention. If conscious, induce vomiting. Lie down, keep warm and cover eyes to exclude light.**COMMENTS:** Treat same as methyl alcohol poisoning.**SECTION 7: REACTIVITY DATA****STABILITY:** Stable**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None**MATERIALS TO AVOID:** Oxidizing material can cause a reaction; acetaldehyde, chlorine, ethylene oxide, acids, isocyanates.**SECTION 8: LEAK OR SPILL INFORMATION****CONTAINMENT/CLEAN UP:** Review FIRE FIGHTING MEASURES and HANDLING sections before proceeding with clean-up. Use suitable protective wear and respiratory protection, such as full face respirator

Remove possible ignition sources. Prevent material from entering sewers, waterways, low areas, or floor drains. Soak up with sawdust, sand, oil dry, or other absorbent material. Sweep up or use a non-sparking shovel for clean-up. Place in appropriate container for disposal. Flush contaminated surface with water and remove flush to an approved permitted treatment system or collect flush for disposal.

This material is an ICR (ignitable, corrosive, reactive) substance under CERCLA. Unless released material is cleaned up for reprocessing, recycling, or reuse, a release of 100 lbs. may trigger reporting requirements of CERCLA section 103.

SECTION 9: PERSONNEL PROTECTION INFORMATION**RESPIRATORY PROTECTION:** Not required with adequate general ventilation. Do not exceed recommended exposure guidelines. Avoid enclosed spaces for mixing or applying. When needed, use respiratory protection NIOSH – ½ face, black cartridge, minimum.**GLOVES:** Washing at mealtime and end of shift, no special protection is needed. Rubber or latex gloves are recommended for preventing skin irritation.**EYE PROTECTION:** Safety glasses at a minimum.**PROTECTIVE EQUIPMENT:** Eyewash station (bottle) should be in direct access of work area.**PERSONAL HYGIENE:** Do not get in eyes or on clothing. Wash thoroughly after handling.

Wash contaminated clothing before reuse.

Engineering Controls: Local ventilation recommended.

SECTION 10: TRANSPORT INFORMATION			
DOT Information (49 CFR 172.101)			
PROPER SHIPPING NAME: FLAMMABLE LIQUID, n.o.s.			
HAZARD TECHNICAL NAME: Methoxysilane/alcohol			
HAZARD CLASS: 3			
UN NUMBER: UN1993			
PACKING GROUP: II			
SECTION 11: HANDLING AND STORAGE			
HANDLING: No special precautions provided containers are undamaged. Use with adequate ventilation. Avoid eye contact. Avoid breathing vapors. Do not take internally. Do not eat, drink, or smoke in work area.			
STORAGE: Keep container closed and away from heat, sparks and open flames. Keep container closed, dry, and cool.			
SECTION 12: REGULATORY INFORMATION			
EPA SARA Title III Chemical Listings:			
Section 304 CERCLA Extremely Hazardous Substance: None			
Section 304 CERCLA Hazardous Substances:			
<u>C.A.S. Number</u>	<u>Wt%</u>	<u>Component Name</u>	
67-56-1	2%	Methyl Alcohol	5000.00 lb rq
Section 312 Hazard Class –			
Acute: Yes			
Chronic: Yes			
Fire: Yes			
Pressure: No			
Reactivity: No			
Section 313 Toxic Chemicals:			
<u>C.A.S. Number</u>	<u>Wt%</u>	<u>Component Name</u>	
67-56-1	2%	Methyl Alcohol	
Section 312 Hazard Class:			
Acute: Yes			
Chronic: Yes			
Fire: Yes			
Pressure: No			
Reactivity: No			
Section 313 Toxic Chemicals: None			

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste: Yes

Characteristic Waste:

Ignitable: D001

State or local laws may impose additional regulatory requirements regarding disposal

Revision: 2/6/08

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