

SECTION 1 - PRODUCT IDENTIFICATION -

Common Name: SuperGlazeTM 3600
(As appears on label)
Product Use/Class: Industrial Sealer/Coating
Manufacturer/Supplier: Concrete Coatings Inc.
PO Box 150071
Ogden, UT 84415
1-800-443-2871

Emergency: Chemtrec 1-800-424-9300

Hazard Rating A-SIDE Base		Scale
Toxicity	2	4 = Extreme
Flammability	3	3 = High
Reactivity	0	2 = Moderate
Protection	X	1 = Slight
		0 = Insignificant

Hazard Rating B-SIDE Activator		Scale
Toxicity	2*	4 = Extreme
Flammability	2	3 = High
Reactivity	0	2 = Moderate
Protection	X	1 = Slight
		0 = Insignificant

SECTION 2 - HAZARDOUS INGREDIENTS

(Reportable Components)

Hazardous Components Chemical & Common Names	CAS No.	Vapor Pressure	Weight Percentage
SuperSeal 3600 A-Side Base			
n-butyl acetate	28182-81-2		10
Aromatic Hydrocarbon	64742-95-5	<1 20C	5
Acetone OSHA PEL 1000.00 ppm ACGIH TLV 500.00 ppm	67-64-1	185 68F	3.94
*Xylene (Mixed isomers) OSHA PEL 100.00 PPM	1330-20-7	5.1 68F	3.93
Aromatic Hydrocarbon	64742-95-5	<1 20C	5
*Ethyl Benzene TLV: 100 PPM, 435 MG/M3	100-41-4	5.1 68F	0.96
SuperSeal 3600 B-Side Activator			
*aliphatic polyisocyanate	28182-81-2	12 122° F	50-60
*Xylene OSHA VPEL 100.00 PPM – TWA	1330-20-7	7.0 68° F	20-30
methyl n-amyl ketone OSHA PEL 20 ppm ACGIH TLV 50 ppm	110-43-0	2.14 68° F	8-14
n-butyl acetate	123-86-4		10

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. N/A

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

<u>SuperSeal 3600 A-SIDE Base</u>		<u>SuperSeal 3600 B-SIDE Activator</u>	
Boiling Range:	133 F - 362 f	Boiling Range:	280°-288° F - 428° F
Specific Gravity (Water=1):	1.21	Specific Gravity (Water=1):	0.98
Coating V.O.C.:	3.07 lb/gl (less water and exempt solvents) 2.88 lb/gl (emitted VOC)	Coating V.O.C.:	5.6 lb/gl 8.2 lb/gl
Vapor Density (Air=1):	Heavier than air	Vapor Density (Air=1):	Heavier than air
Solubility in Water:	appreciable	Solubility in Water:	Minimal
Evaporation Rate (Butyl Acetate=1):	Fast (compared to n-butyl acetate)	Evaporation Rate (Butyl Acetate=1):	Fast (compared to n-butyl acetate)
Appearance & Odor	Clear translucent liquid, strong odor.	Appearance & Odor	Liquid

SECTION 4 – FIRE AND EXPLOSION DATA

<u>SuperSeal 3600 A-SIDE Base</u>		<u>SuperSeal 3600 B-SIDE Activator</u>	
Flash Point:	-4 F	Flash Point:	81° F
Method Used:		Method Used:	Theoretical
Flammable Limits:	Lower: .01 Upper: 12.8	Flammable Limits: (Based on PM-Acetate)	Lower: 1.0 Upper: 8.2
Extinguishing Media:	FOAM, CO2, DRY CHEMICAL, WATER FOG.	Extinguishing Media:	Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog, other.

Unusual Fire/Explosion:

Explosive air-vapor mixtures may form which are dangerous when exposed to heat or flame. Vapors are heavier than air and may travel along the ground, or be moved by ventilation, and ignited by pilot lights, stoves, heaters, electric motors, sparks, flame, smoking, static discharge or other ignition sources even at locations distant from material handling site. Free falling streams of liquid may cause static electricity build-up and create fire hazard.

Special Firefighting Procedures:

Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus. Use water spray, preferably fog, to cool closed containers to prevent pressure build-up and possible explosion. Direct water stream is not recommended for oil base fires. Product may float and reignite on surface of water. Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or waterways.

Unusual Fire/Explosion:

Product will burn under fire conditions. Vapors may travel a considerable distance to a source of ignition and flash back along vapor trail. Under fire conditions, toxic, corrosive fumes are emitted. Reacts with water releasing large amounts of carbon dioxide which may cause pressure build-up in confined spaces.

Special Firefighting Procedures:

Evacuate all non-essential personnel. Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire. Prevent run off water from entering storm drains and waterways.

SECTION 5 – REACTIVITY DATA

SuperSeal 3600 A-SIDE Base

Stability:

Stable under normal conditions

Conditions to avoid:

High temperature and humidity, ignition sources and vapor build-up.

Incompatible with (Materials to avoid):

Strong Oxidizing agents, Acids, Alkalis Bases.

Hazardous decomposition products:

Carbon Monoxide Carbon Dioxide Hydrocarbons Nitrogen Oxides
Formaldehyde Other Organic Compounds.

Hazardous polymerization:

Will not occur.

SuperSeal 3600 B-SIDE Activator

Stability:

Stable under normal conditions

Conditions to avoid:

Heat, high temperature, open flame, sparks, and moisture, ignition sources.

Incompatible with (Materials to avoid):

Water, amines, strong bases, strong oxidizing agents, acids, combustible material, alcohols, metal compounds and surface active materials.

Hazardous decomposition products or Byproducts:

Thermal decomposition may yield carbon dioxide and/or carbon monoxide. Aldehydes(including acrolein)may be produced from atmospheric oxidation and/or thermal degradation under severe pressure.

Hazardous polymerization:

Will not occur.

SECTION 6 HEALTH HAZARD DATA

SuperSeal 3600 A-SIDE Base

Skin Contact:

Contact may cause severe irritation (dryness, itching, cracking, rash and swelling) and possible burns.

Eye Contact:

Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision).

Skin Absorption:

May be absorbed through skin in harmful or fatal amounts. Repeated and prolonged contact may have a cumulative effect. Symptoms may include headache, dizziness, nausea, weakness, loss of coordination, visual disturbances.

Ingestion:

Causes nausea, vomiting, diarrhea and central nervous system depression (headache, dizziness, giddiness, nausea, loss of coordination).

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact, ingestion.

INHALATION:

Vapors and mists cause severe irritation to nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination.

SuperSeal 3600 B-SIDE Activator

Skin Contact:

WARNING This product contains a skin sensitizer that may cause severe allergic reactions. Prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis.

Eye Contact:

Severe irritation, redness, tearing and blurred vision.

Skin Absorption:

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: Stomach or intestinal upset (nausea, vomiting, diarrhea).

Ingestion:

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal!

Inhalation:

Respiratory tract sensitizer. May cause and allergic reaction including asthma like symptoms. Vapors and mists cause severe irritation to nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Exposure to extremely

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CHRONIC EFFECTS FROM LONG TERM EXPOSURE:

Contains ingredients suspected of causing or known to cause damage to: kidneys, liver, eyes, brain and nervous system, dermatitis or other skin disorders. Always wear appropriate respiratory and skin protection during use. Ventilate well during and after application. The following statement is required by California Proposition 65. Warning! This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm .

Health Hazards: (Acute and Chronic)

ACUTE: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Chronic exposure may cause damage to the Central Nervous System, Respiratory System, Lungs, Eyes, Skin, Gastrointestinal Tract, Liver, Spleen, and Kidneys.

Carcinogenicity:

NTP CARCINOGEN: No IARC MONOGRAPHS: No
OSHA REGULATED: No

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NTP CARCINOGEN: Not Available IARC MONOGRAPHS: Yes
OSHA REGULATED: Yes

Medical conditions generally aggravated by exposure:

Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

Medical conditions generally aggravated by exposure:

ACUTE: Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product.

EMERGENCY and FIRST AID PROCEDURES:

INHALATION:

Remove from exposure to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention immediately.

EYE CONTACT:

Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

SKIN CONTACT:

Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

SWALLOWING:

Do not induce vomiting. Call Poison Control Center (1-800-222-1222) or physician immediately.

OTHER:

Have Material Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.

EMERGENCY and FIRST AID PROCEDURES:

EYE CONTACT: Flush with clean, lukewarm water for at least 15 minutes. Occasionally lifting the eyelid. Remove contact lenses, if worn. Obtain medical attention.

SKIN CONTACT:

Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before re-use. If irritation persists or if contact has been prolonged, obtain medical attention.

INHALATION:

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove to fresh air. Apply artificial respiration if not breathing. Oxygen may be given by qualified personnel if necessary. Call a physician immediately.

INGESTION:

Keep person warm, quiet and get immediate medical attention. DO NOT INDUCE VOMITING!!! Aspiration of material into the lungs from vomiting can cause chemical pneumonitis which can be fatal.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

SuperSeal 3600 A-SIDE Base

RESPIRATORY PROTECTION:

Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's instructions for use.

SuperSeal 3600 B-SIDE Activator

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USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical

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USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent vapor build-up.

HAND PROTECTION:

Wear impermeable gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction materials.

EYE PROTECTION:

Wear chemical goggles designed to protect eyes against vapors, liquid splash and mists unless full facepiece respirator is worn. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear protective clothing, including headcap, to avoid skin contact with liquid or overspray.

WORK/HYGIENIC PRACTICES:

Eye washes and safety showers are recommended in the workplace. Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse. Periodically monitor exposure levels to hazardous ingredients listed in section II and review permissible limits.

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SECTION 8 – SPILL AND LEAK PROCEDURES

SuperSeal 3600 A-SIDE BASE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams or waterways. Contain spill and cover with inert absorbent material. Take up using non-sparking tools (aluminum, brass or copper) and place mixture into containers for disposal. Note: Some spills or releases may require special reporting to local, state or federal agencies.

WASTE DISPOSAL METHOD:

Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations. Use only approved waste management facilities.

SuperSeal 3600 B-SIDE ACTIVATOR

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SECTION 9 – SPECIAL PRECAUTIONS

SuperSeal 3600 A-SIDE BASE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep liquid and vapors away from heat, sparks and flame. Turn off or

SuperSeal 3600 B-SIDE ACCELERATOR

PRECAUTIONS TO BE TAKEN IN HANDLING and STORING:

Keep liquid and vapors away from heat, sparks and flame. Turn off or

remove all sources of ignition. Use proper methods of ventilation to prevent vapor build-up. Avoid contact with hot metal surfaces. Avoid free fall of liquids in excess of a few inches. Ground fixed equipment. Bond and ground pails, drums and other transfer containers and equipment. Avoid breathing vapors, spray mists and sanding or grinding dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate methods of ventilation, respiratory and personal protective equipment. Do not reuse, weld, drill or heat empty containers which may contain explosive vapors. Follow label warnings until thoroughly cleaned or sent for disposal. Do not remove or deface label. Do not transfer to unlabeled container.

Consult current OSHA guidelines for specific handling requirements when working with formaldehyde.

OTHER CAUTIONS:

Keep container closed when not in use and during transit. Do not store above 120 deg. F (50 deg. C). Keep in upright position and protect container from damage. Store in buildings or areas designed and protected for storage of products with this flammability rating. Do not store where contact with incompatible material could occur, even during an accidental spill or release. To avoid spontaneous combustion, soak soiled oily rags and waste in water filled metal containers.

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WARNING! THIS MATERIAL IS A SKIN AND RESPIRATORY TRACT SENSITIZER. EXPOSURE MAY CAUSE SEVERE ALLERGIC SKIN REACTION AND SEVERE ALLERGIC RESPIRATORY REACTION INCLUDING ASTHMA LIKE SYMPTOMS. BEFORE USE, READ ALL WARNINGS AND CAUTIONS INCLUDED IN THIS MSDS AND THE MSDS OF THE COATING. USE OF THIS PRODUCT IN A SPRAY APPLICATION MAY INCREASE THE POTENTIAL OF ADVERSE REACTIONS. PERSONS WHO HAVE PREVIOUSLY BEEN SENSITIZED SHOULD NOT BE EXPOSED TO THIS PRODUCT. BEFORE USE, BE AWARE OF AND FOLLOW ALL LOCAL AND FEDERAL REGULATIONS REGARDING THE USE OF POLYISOCYANATES.

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SECTION 10 – DISCLAIMER

SuperSeal 3600 A-SIDE BASE

DISCLAIMER:

THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.

SuperSeal 3600 B-SIDE ACTIVATOR

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