



**STAIN SEALER VOC - 5 GL KOOL WHITE**

Version 5.0  
REVISION DATE: 04/02/2015

Print Date 08/20/2015

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : STAIN SEALER VOC - 5 GL KOOL WHITE

Product code : CSSV G005 400

COMPANY : Increte Systems - A Division of The Euclid Chemical Company  
1611 Gunn Highway  
Odessa, FL 33556

Telephone : 1-800-752-4626

Emergency Phone : U.S. only: 1-800-424-9300  
International Users Call Collect: 1-703-527-3887

Product use : Coating

**SECTION 2 - HAZARDS IDENTIFICATION**

**Emergency Overview**

Off-White to White. Liquid. May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue.

Eyes : Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause moderate irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Prolonged or repeated overexposure to acetone may cause liver damage, Central Nervous System depression and narcosis. Prolonged or repeated contact/exposure to aromatic petroleum distillates may cause defatting, drying, and irritation of the skin, dermatitis, and central nervous system (CNS) effects. T-Butyl alcohol, when given to mice at very high doses, has been reported to damage the developing fetus, kidneys and to cause tumors in rats and mice. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**Target Organs:** Skin, Eye, Lung, Liver, Kidney, Nerve, Reproductive

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**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Acetone	67-64-1	15.0 - 40.0
Tert-Butyl Acetate	540-88-5	15.0 - 40.0
Acrylic polymer	28262-63-7	15.0 - 40.0
Titanium dioxide	13463-67-7	10.0 - 30.0
Clay	1332-58-7	5.0 - 10.0
Aromatic petroleum distillates	64742-95-6	5.0 - 10.0
1,2,4-Trimethylbenzene	95-63-6	3.0 - 7.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : -18 °C, 0 °F
- Method : Tag Closed Cup
- Lower explosion limit : 2.6 %(V) Solvent
- Upper explosion limit : 12.6 %(V) Solvent
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form. Nitrogen oxides can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.
- Fire and explosion conditions : Extremely flammable vapors. Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors.



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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Store in sealed containers in a cool, dry, ventilated warehouse location.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Protective measures : Use professional judgment in the selection, care, and use. Inspect and replace equipment at regular intervals.
- Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

Chemical Name	CAS Number	Regulation	Limit	Form
Acetone	67-64-1	ACGIH TWA: ACGIH STEL:	500 ppm 750 ppm	
Tert-Butyl Acetate	540-88-5	ACGIH TWA:	200 ppm	
Titanium dioxide	13463-67-7	ACGIH TWA: OSHA TWA: OSHA TWA:	10 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.



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Chemical Name	CAS Number	Regulation	Limit	Form
Clay	1332-58-7	ACGIH TWA: OSHA TWA: OSHA TWA:	2 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Respirable fraction.
1,2,4-Trimethylbenzene	95-63-6	ACGIH TWA:	25 ppm	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form : Liquid  
 Color : Off-White to White  
 Odor : Aromatic Solvent  
 pH : Not available.  
 Vapour pressure : Not available.  
 Vapor density : Heavier than air  
 Melting point/range : Not available.  
 Freezing point : Not available.  
 Boiling point/range : Not available.  
 Water solubility : Negligible  
 Specific Gravity : 1.03  
 % Volatile Weight : 58.4 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Oxidizing agents.Strong acids.Strong bases.  
 Stability : Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.  
 Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Acetone, CAS-No.: 67-64-1  
 Acute oral toxicity (LD-50 oral) 9,800 mg/kg ( Rat ) 3,000 mg/kg ( Mouse ) 5,340 mg/kg ( Rabbit ) 5.2 g/kg ( Mouse ) 5,800 mg/kg ( Rat ) 3,000 mg/kg ( Mouse ) 8,450 mg/kg ( Rat ) 9,800 mg/kg ( Rat ) 1,159 mg/kg ( Human ) 9,750 mg/kg ( Rat ) 8,000 mg/kg ( Dog ) 5,230 mg/kg ( Mouse ) 5,340 mg/kg ( Rabbit ) 5,800 mg/kg ( Rat )

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Acute inhalation toxicity (LC-50)	50.1 mg/l for 8 h ( Rat ) 76 mg/l for 4 h ( Rat ) for 1 h ( Mouse ) for 4 h ( Rat ) for 2 h ( Rat ) ( Rat ) for 4 h ( Human ) ( Guinea pig ) ( Human ) 0.01 mg/l for 6 h ( Human ) for 3 h ( Cat ) 110 mg/l for 1 h ( Mouse ) 76 mg/l ( Rat ) 50.1 mg/l ( Rat ) for 3 h ( Rat ) 132 mg/l for 3 h ( Rat )
Acute dermal toxicity (LD-50 dermal)	20,000 mg/kg ( Rabbit ) 20 mg/kg ( Rabbit ) 20 mg/kg ( Rabbit ) 20,000 mg/kg ( Rabbit ) > 15,800 mg/kg ( Rabbit ) > 7,426 mg/kg ( Rabbit ) > 7,426 mg/kg ( Guinea pig )
Tert-Butyl Acetate, CAS-No.: 540-88-5	
Acute oral toxicity (LD-50 oral)	4,500 mg/kg ( Rat ) 4,100 mg/kg ( Rat ) 4,750 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	13.3 mg/l for 4 h ( Rat ) > 2.23 mg/l for 4 h ( Rat ) for 6 h ( Rat )
Acute dermal toxicity (LD-50 dermal)	> 2,000 mg/kg ( Rabbit )
Titanium dioxide, CAS-No.: 13463-67-7	
Acute oral toxicity (LD-50 oral)	> 25,000 mg/kg ( Rat ) > 11,000 mg/kg ( Rat ) > 2,000 mg/kg ( Rat ) > 5,000 mg/kg ( Rat ) > 5,000 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	> 3.56 mg/l for 4 h ( Rat ) > 2.28 mg/l for 4 h ( Rat ) 3.43 mg/l for 4 h ( Rat ) 5.09 mg/l for 4 h ( Rat ) > 6.82 mg/l for 4 h ( Rat )
Aromatic petroleum distillates, CAS-No.: 64742-95-6	
Acute oral toxicity (LD-50 oral)	11,400 mg/kg ( Rat ) 14,063 mg/kg ( Rat ) 5,390 mg/kg ( Rat ) 4,820 mg/kg ( Rat ) 6,620 mg/kg ( Rat ) 5,800 mg/kg ( Rat ) > 6,000 mg/kg ( Rat ) > 5,570 mg/kg ( Rat ) > 7,000 mg/kg ( Rat ) > 4,800 mg/kg ( Rat ) > 4,500 mg/kg ( Rat ) > 5,200 mg/kg ( Rat ) > 5,000 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	> 5,220 mg/m <sup>3</sup> for 4 h ( Rat ) > 4,420 mg/m <sup>3</sup> for 4 h ( Rat ) > 7,630 mg/m <sup>3</sup> ( Rat ) > 4.96 mg/l for 4 h ( Rat ) > 5,080 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,050 mg/m <sup>3</sup> for 4 h ( Rat ) > 4,980 mg/m <sup>3</sup> ( Rat ) > 5,040 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,610 mg/m <sup>3</sup> ( Rat ) > 5.1 mg/l for 4 h ( Rat ) > 5,250 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,830 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,470 mg/m <sup>3</sup> ( Rat ) 2,400 mg/m <sup>3</sup> for 30 min ( Human ) > 5,200 mg/m <sup>3</sup> for 4 h ( Rat ) 4,320 mg/m <sup>3</sup> for 1 h ( Human ) > 5,300 mg/m <sup>3</sup> ( Rat ) > 5,280 mg/m <sup>3</sup> for 4 h ( Rat ) > 8,530 mg/m <sup>3</sup> for 4 h ( Rat ) 2,400 mg/m <sup>3</sup> for 1 h ( Human ) 960 mg/m <sup>3</sup> for 30 min ( Human ) >= 5,060 mg/m <sup>3</sup> for 4 h ( Rat ) > 5 mg/l for 4 h ( Rat ) > 5.36 mg/l ( Rat ) > 5,170 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,020 mg/m <sup>3</sup> ( Rat ) > 4,980 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,000 mg/m <sup>3</sup> for 4 h ( Rat ) > 4,970 mg/m <sup>3</sup> for 4 h ( Rat ) > 7,970 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,260 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,100 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,020 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,300 mg/m <sup>3</sup> ( Rat ) > 7,300 mg/m <sup>3</sup> ( Rat ) > 5,740 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,160 mg/m <sup>3</sup> for 4 h ( Rat ) > 5,000 mg/m <sup>3</sup> ( Rat ) 4,800 mg/m <sup>3</sup> for 30 min ( Human ) > 5.07 mg/l ( Rat ) > 5,240 mg/m <sup>3</sup> for 4 h ( Rat )
Acute dermal toxicity (LD-50 dermal)	> 6,000 mg/kg ( Rabbit ) > 2,000 mg/kg ( Rabbit ) > 1,900 mg/kg ( Rabbit ) > 2,000 mg/kg ( Rabbit ) > 3,750 mg/kg ( Rabbit ) > 3,000 mg/kg ( Rabbit )
1,2,4-Trimethylbenzene, CAS-No.: 95-63-6	



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Acute oral toxicity (LD-50 oral)	3,550 mg/kg ( Rat ) 5,000 mg/kg ( Rat ) 3,280 mg/kg ( Rat ) 6,000 mg/kg ( Rat ) 8,970 mg/kg ( Rat ) 6,880 mg/kg ( Rat ) 3,440 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	18,000 mg/m3 for 4 h ( Rat ) for 12 h ( Mouse, Rat ) for 4 h ( Rat ) for 6 min ( Mouse ) 10,200 mg/m3 for 4 h ( Rat ) for 4 h ( Rat )
Acute dermal toxicity (LD-50 dermal)	3,440 mg/kg ( Rat )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**CFR / DOT:**

UN1139, Coating solution, 3, PG II

**TDG:**

UN1139, COATING SOLUTION, 3, PG II

**IMDG:**

UN1139, COATING SOLUTION, 3, PG II

**Further Information:**

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : 1,2,4-Trimethylbenzene 95-63-6

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :



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Titanium dioxide	13463-67-7
Clay	1332-58-7
1,2,4-Trimethylbenzene	95-63-6

OSHA Status: Considered : Irritant  
 hazardous based on the  
 following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 302 g/l  
 exempt solvent)  
 VOC Method 310 : 34.15 %

**U.S. State Regulations:**

MASS RTK Components	:	Acetone	67-64-1
		Tert-Butyl Acetate	540-88-5
		Titanium dioxide	13463-67-7
		Clay	1332-58-7
		1,2,4-Trimethylbenzene	95-63-6

Penn RTK Components	:	Acetone	67-64-1
		Tert-Butyl Acetate	540-88-5
		Acrylic polymer	28262-63-7
		Titanium dioxide	13463-67-7
		Clay	1332-58-7
		Aromatic petroleum distillates	64742-95-6
		1,2,4-Trimethylbenzene	95-63-6

NJ RTK Components	:	Acetone	67-64-1
		Tert-Butyl Acetate	540-88-5
		Acrylic polymer	28262-63-7
		Titanium dioxide	13463-67-7
		Clay	1332-58-7
		1,2,4-Trimethylbenzene	95-63-6

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm



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**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	3
Reactivity	1
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
 DOT - Department of Transportation  
 DSL - Domestic Substance List  
 EPA - Environmental Protection Agency  
 HMIS - Hazardous Materials Information System  
 IARC - International Agency for Research on Cancer  
 MSHA - Mine Safety Health Administration  
 NDSL - Non-Domestic Substance List  
 NIOSH - National Institute for Occupational Safety and Health  
 NTP - National Toxicology Program  
 OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act  
 RTK - Right To Know  
 SARA - Superfund Amendments and Reauthorization Act  
 STEL - Short Term Exposure Limit  
 TLV - Threshold Limit Value  
 TSCA - Toxic Substances Control Act  
 TWA - Time Weighted Average  
 V - Volume  
 VOC - Volatile Organic Compound  
 WHMIS - Workplace Hazardous Materials Information System