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 1893 BARRETT ROAD 24 hr. EMERGENCY CHEMTREC:
 TROY, MICHIGAN 48084 1-800-424-9300

PRODUCT: VCTS-6 Clear
 MSDS ID: ND1027
 ORIG. DATE: 3/01/93
 REV. DATE: 11/5/07
 REV. DATE: 12/22/08
 PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: 2 F: 1 R: 0 PPE:C

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Acrylic copolymer	VTI-00-07	Unassigned 15-20	n.a.	n.a.	Non-hazardous
Acrylic polymer	VTI-00-08	Unassigned 10-15	n.a.	n.a.	Non-hazardous
1,1,1 Trichloroethane	71-55-6	75-80	350 ppm	350 ppm	

All ingredients are listed on the TSCA Inventory. n.a. = not applicable / n.e. = not established

SECTION II -Physical and Chemical Characteristics

BOILING POINT:	74°C	VOC #/gal. :	7.714
VAPOR DENSITY:	>5.1 air = 1	DENSITY OF COATING:	
VAPOR PRESSURE:	100 mmHg @ 20°C		
MELTING POINT:	n.a.		
SPECIFIC GRAVITY:	1.3 water = 1		
EVAPORATION RATE:	0.4		
WATER REACTIVE:	No		
SOLUBILITY IN WATER:	0.08g/100g @ 25°C		
APPEARANCE AND ODOR:	Clear viscous liquid with non-residual, "solvent- like" odor.		

SECTION III - Fire and Explosion Hazard Data

FLASH POINT:	n.a.
AUTOIGNITION TEMPERATURE:	n.a.
FLAMMABILITY LIMITS % IN AIR:	LEL: 7.5 UEL: 15.0
EXTINGUISHER MEDIA:	Use water spray, carbon dioxide, dry chemicals and/or foam.
SPECIAL FIREFIGHTING PROCEDURES:	Wear a NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or positive pressure mode when fighting fires. Cool fire exposed containers with water.
UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:	Concentrated vapors can be ignited by high intensity heat source. Combustion yields oxides of carbon, chlorine and small quantities of phosgene.

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SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X **unstable:**
HAZARDOUS POLYMERIZATION: **may occur:** **will not occur:** X

CONDITIONS TO AVOID: Avoid all sources of ignition, heat, fire, etc...

INCOMPATIBILITY: Avoid contact with acids, bases, amines, oxidizing agents, halogens and molten sulfur

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition may yield acrylic monomers.

SECTION V - Health Hazard Data

PRIMARY ROUTES OF ENTRY: **INHALATION:** X **INGESTION:** X **SKIN ABSORPTION:** X

EYE CONTACT: Eye contact can cause severe eye irritation with transient or permanent corneal injury.

FIRST AID: Immediately flush eyes with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get prompt medical attention.

SKIN CONTACT: Contact can result in moderate skin irritation. Prolonged or repeated contact can cause defatting and drying of the skin which can lead to irritation and dermatitis.

FIRST AID: Thoroughly wash exposed area with soap and water. If irritation occurs, seek medical attention.

INHALATION: Inhalation of material can result in anesthetic or narcotic effect. High levels of exposure can cause dizziness, drunkenness, loss of consciousness and death.

FIRST AID: Move subject to fresh air. If breathing is difficult give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

INGESTION: Ingestion of this material can result in aspiration of material into lungs resulting in injury to other body systems.

FIRST AID: Do NOT induce vomiting. Immediately drink two glasses of water and get medical attention. Never give anything by mouth, to an unconscious person.

CHRONIC EFFECTS: Long term exposure at high concentrations may lead to CNS Depression.

Carcinogenic: Not listed.

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Component	Oral LD50	Dermal LD50	Inhalation LC50
Acrylic copolymer	>5000 mg/Kg (rat)	>3000 mg/Kg (rabbit)	not determined
Acrylic copolymer	not determined	not determined	not determined
1,1,1-Trichloroethane	>10000 mg/Kg (rat)	15000 mg/Kg (rabbit)	not determined

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Wear NIOSH approved respirator in high vapor concentrations.

PROTECTIVE GLOVES: Use rubber or vinyl.

EYE PROTECTION: Wear NIOSH approved safety glasses with side shields or chemical splash goggles.

VENTILATION TO BE USED: LOCAL EXHAUST: MECHANICAL: SPECIFIC: OTHER (specify):

PROTECTIVE CLOTHING AND EQUIPMENT: Wear impervious clothing to prevent repeated prolonged skin contact.

HYGIENIC WORK PRACTICES: Practice careful chemical handling and good personal hygiene when working with product. Wash hands after use.

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

Immediately extinguish all sources of ignition. If large spill, absorb material using an inert filler (saw dust, vermiculite or floor absorb) and transfer to ventilated area. Scrape up small spills and dispose of properly.

WASTE DISPOSAL METHODS: Dispose of material in accordance with local, state and federal regulations.

SAFE HANDLING AND STORAGE: Avoid breathing product vapors. Keep material away from extreme heat or open flame. Keep container lid closed when not in use. Store product in a cool dry place.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

Containers of this product may be hazardous when emptied, since containers retain product residue, observe all precautions.

RECOMMENDED NFPA/HMIS RATING

HEALTH 2

FLAMMABILITY 1

REACTIVITY 0

PERSONAL PROTECTION C

note: ratings may differ according to application, environment, and physical state.

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NOTES:

DOT Shipping Name:
1,1,1-Trichloroethane solution
6.1, UN2831, PGIII

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
71-55-6	1,1,1-Trichloroethane	60
1330-20-7	Xylene	1.65

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent & Reproductive Toxin</u>
Toluene	108-88-3	0.36 %		X	

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