

SAFETY DATA SHEET

UltraTite 2000

SECTION 1 - IDENTIFICATION

Product identifier: UltraTite 2000

Recommended use and restriction on use

Recommended use: UltraTite2000 is designed for installation in most standard construction configurations using common materials such as, concrete, metal, and wood products. It is used for interior and exterior insulation in residential, commercial and agricultural buildings.

**Manufacturer/ Importer /
Distributor Information**

UltraTite Solutions
40 Cypress Creek Parkway #338 Houston, Texas 77090

Contact person

: info@ultratite.com

Telephone

: General information +1 832 - 827-2392

Emergency telephone number Supplier

: CHEMTREC 800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

Hazard classification:

Skin:	Category 3
Eyes:	Category 2
Inhalation:	Category 1
Ingestion:	Do not ingest.
Signal word:	Warning
Hazard statements:	May cause an allergic skin reaction/irritation May causes Serious Eye Damage May cause an respiratory irritation

PICTOGRAMS:



PRECAUTIONARY STATEMENTS

Prevention:

Avoid breathing dust/fume/gas/mist/vapors or spray. Contaminated work clothing must not be allowed out of workplace. Wear protective gloves/protective clothing/eye protection/face protection during application and use.
Wash after handling.

Response:

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse continuously with water for several minutes. Remove Contact Lenses if present continue to rinse.
Immediately call POISON CENTER and seek Medical Attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Disposal:

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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SECTION 3 – COMPOSITION

Hazardous components

Mixture of:

CAS#	Weight %	Name
102687650	515%	Trans1Chloro3,3,3trifluoropropene (CF ₃ HC=CHCl or HFO1233zd)
156605	< 3%	Trans1,2Dichloroethylene
Proprietary	3 – 6%	Tertiary amine catalysts
Proprietary	< 0.5%	Organometallic catalyst

SECTION 4 – FIRST AID MEASURES

Inhalation: Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.

Eye Contact: Flush with water for at least 15 minutes. See a physician if irritation develops.

Ingestion: Do not induce vomiting unless told to do so by a medical professional.

Most Important symptoms and effects, acute and delayed:

May cause skin or eye irritation upon contact. Avoid breathing vapors. The dense vapors can displace and reduce breathing air in confined or unventilated spaces causing asphyxiation. Overexposure may cause tremors, confusion, irritation, and may result in cardiac sensitization.

Indication of immediate medical attention and special treatment, if applicable: N/A

Skin Contact: Wash with soap and water at first opportunity.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, dry chemicals, CO₂

Unsuitable extinguishing media: None

Special hazards arising from the chemical: Overheated containers may rupture due to pressure produced by CF₃HC=CHCl. CF₃HC=CHCl burns to form acids and noxious gases.

Precautions for firefighters: A selfcontained breathing apparatus should be worn to protect against toxic and irritating vapors.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Clear area. Ensure adequate ventilation.
Wear suitable personal protective clothing and equipment.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater

Methods and material for containment and cleanup:

Absorb with sawdust, etc., and shovel into container. Waste material should be disposed of under conditions which meet federal, state, and local environmental regulations.

SECTION 7 – HANDLING & STORAGE

Precautions for safe handling:

Store between 65°F and 85°F out of sunlight. Relieve pressure slowly when opening container. Under no circumstances should empty drums be burned or cut open with an electric or gas torch.

Conditions for safe storage, including any incompatibilities: Keep tightly sealed.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTIVE

Exposure Limits

Component:	Type	Value
Trans1Chloro3,3,3trifluoropropene1 (CF ₃ HC=CHCl or HFO1233zd)	TWA	300ppm recommended
Tertiary Amine Catalysts1 Organometallic catalysts1		None established None
		established

Not listed as a carcinogen (NTA, IARC, OSHA)

Exposure Controls

Respiratory Protection:

The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, Full-Face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self-contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air purifying respirators equipped with organic vapor cartridges can be used in certain situations, **see OSHA standard 29CFR 1910.134**. All equipment must be NIOSH approved and maintained.

Hand, eye, skin, body protection:

Wear goggles or chemical safety glasses and chemically resistant rubber or plastic gloves. Avoid eye and skin contact. Eye wash system and showers should be available.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Basic chemical and physical properties

Appearance:	Liquid	Flammability:	N/A
Color:	LightBrown	Upper/lower flammability or explosive limits:	N/A
Odor:	Ethereal odor	Vapor pressure:	N/A N/A 1.20g/mL
Odor threshold:	N/A N/A	Vapor density:	Slightly soluble in
pH:		Relative density:	water N/A
Melting pt/freezing pt:	<32°F	Solubility(ies):	
Boiling pt/boiling range:	66°F	Partition coefficient (noctanol/ water):	
Flash point:	>200°F	Autoignition temperature:	>500°F
Evaporation rate:	Slower than ether	Decomposition temperature:	>500

°F

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability:	Stable
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Temperatures over 85°F
Incompatible materials:	Isocyanates and other chemicals that react with hydroxyl groups.
Hazardous decomposition products:	When burned, CO, CO ₂ , NO _x aliphatic fragments, halogens, halogen acids, and possibly carbonyl halides.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity:	May cause skin irritation
Chronic toxicity:	Not available
Likely routes of exposure:	Skin
Symptoms related to physical, chemical and toxicological characteristics:	May cause skin irritation
Delayed and immediate effects and chronic effects from short and longterm exposure:	May cause skin irritation; avoid contact with eyes
Numerical toxicity measures:	Not available

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SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Not a marine pollutant
Persistence and degradability:	No known significant effects
Bioaccumulative potential:	Does not bioaccumulate
Mobility in soil:	

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods / Product disposal

Waste Disposal: Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14 – TRANSPORT INFORMATION

UN number:	Not regulated
UN Proper shipping name:	Not regulated
Transport Hazard class(es):	Not regulated
Packing group, if applicable:	Not regulated
Marine pollutant (Y or N):	N
Special precautions:	None

SECTION 15 – REGULATORY INFORMATION

Inventory Status:	All components TSCA listed
US Regulations:	No ingredients listed
US Superfund Amendments and Reauthorization Act (SARA) Title III Section 313 information:	No ingredients listed

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SECTION 16 – OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

SDS Preparation Date: 05/08/2017

Revision Date: 10/23/2018

Revision Date: 07/09/2025

IMPORTANT NOTICES

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