

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **CTS** 24 Hour CHEMTREC Number: 800-424-9300
Product Description: A formulated aerosol ceiling tile spray. MSDS Number: M00258

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Weight	ACGIH	OSHA
Propane	74-98-6	< 20%	2500 ppm	1000 ppm
Butane	106-97-8	< 15%	800 ppm	800 ppm
Toluene	108-88-3	< 15%	50 ppm	100 ppm
Calcium Carbonate	1317-65-3	< 7.0%	10 mg/m3 (as dust)	15 mg/m3 (total dust)
Titanium Dioxide	13463-67-7	< 7.0%	10 mg/m3 (as dust)	10 mg.m3 (total dust)
VM&P Naphtha	64742-89-8	< 10%	NE	NE
Mineral Spirits	64742-47-8	< 3.0%	NE	NE
Xylene	1330-20-7	< 3.0%	100 ppm	100 ppm
PM Acetate	108-65-6	< 3.0%	NE	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Flammable. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Eye, skin and respiratory irritation.

POTENTIAL HEALTH EFFECTS Routes of Exposure: Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment. Eye Contact: May cause eye irritation. Skin Contact: May cause skin irritation. Inhalation: May cause irritation of the respiratory system. Extreme overexposure may result in unconsciousness and possibly death. General: Prolonged overexposure to solvent ingredients may cause adverse effects to the liver, urinary and reproductive systems. Reports have associated repeated and prolonged exposure to solvents with permanent brain and nervous system damage. Headache, dizziness, nausea and loss of coordination are indication of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. Seek medical attention. Skin Contact: Promptly wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Inhalation: Remove to fresh air. Restore breathing. Keep warm and quiet. If irritation persists, consult a physician. Ingestion: Give several glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint: -2°F; -19°C Lower Explosive Limit(LEL): 1.5% Upper Explosive Limit(UEL): 10.9% Autoignition Temperature: Product is not self-igniting. Ignition Temperature: 689°F; 365°C Fire and Explosion Hazards: Isolate from heat, electrical equipment, sparks and open flame. Vapors will accumulate readily and may ignite explosively. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Extinguishing Media: Carbon dioxide, dry chemical, foam. Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used. Water spray maybe ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area. Use absorbent sweeping compound to soak up material and transfer to proper container. Dispose of according to all Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Keep away from heat, flames, sparks or other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Heat from sunlight, radiators, stoves, hot water and other heat sources could cause container to burst. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Keep out of reach of children. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits. Personal Protective Equipment: Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator. Eye: Wear approved safety glasses with unperforated sideshields. Skin: None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemically

resistant gloves. Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-White Odor: Characteristic. Physical State: Liquid aerosol. pH: NA
Vapor Pressure: 40 PSI, 2750 hPa Density: NA Boiling Point: -47 °F; -44°C VOC Content: < 65%
Solubility in Water: Not miscible or difficult to mix. Solids Content: 21.8%

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: Heat, sparks, flames or other sources of ignition. Incompatibility: None known. Hazardous Decomposition Products: By Fire: Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Hazardous Ingredients	CAS Number	LD50	LC50
Propane	74-98-6	NE	NE
Butane	106-97-8	NE	658 mg/l/4 hr (rat)
Toluene	108-88-3	5000 mg/kg (oral rat)	5320 ppm/8 hr (mouse)
Calcium Carbonate	1317-65-3	NE	NE
Titanium Dioxide	13463-67-7	NE	NE
VM&P Naphtha	64742-89-8	NE	NE
Mineral Spirits	64742-47-8	> 5000 mg/kg (oral rat)	> 2500 ppm/4 hr (rat)
Xylene	1330-20-7	4.3 g/kg (oral rat)	6350 ppm/4 hr (rat)
PM Acetate	108-65-6	NE	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local Regulations regarding pollution and waste disposal. An aerosol is a D001 unspecified ignitable waste. If product to be disposed of is no longer in aerosol form, liquid as supplied contains no listed hazardous wastes.

14. TRANSPORT INFORMATION

DOT Shipping Data: Consumer Commodity, ORM-D. Canadian TDG: Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods. For International Shipments by Air: Aerosols, Flammable, 2.1, UN1950. For International Shipments by Vessel: Aerosols, Flammable, 2.1, UN1950, Limited Quantity.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory. CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL. Proposition 65: This product may contain trace amounts of the following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm:

Toluene	108-88-3
Ethylbenzene	100-41-4

VOC: This product as regulated by California and other states, is classified as a "Aerosol Coating, Nonflat" with a maximum VOC content of 65%. SARA 313: This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C):

Toluene	108-88-3
Ethylbenzene	100-41-4
Xylene	1330-20-7

HMS Classification: Health = 1 Flammability = 3 Reactivity = 3 Personal Protection = B WHMIS Classification: Class A; Class B, Division 5; Class D, Division 2B

16. OTHER INFORMATION

NA = Not available or Not applicable

NE = Not Established

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

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