

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Ceilume Ceiling Tile Adhesive – 9 oz. Cartridge
MANUFACTURER'S NAME & TELEPHONE	Manufactured for Ceilume by Red Devil, Inc. – (918) 825-5744
STREET ADDRESS	4175 Webb Street
CITY / STATE / ZIP	Pryor, Oklahoma 74361

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

PRODUCT CONSISTS OF	%	TLV	PEL	UNITS
Calcium Carbonate ** (1317-65-3)	< 50	10	15	mg/m3
Acrylic Emulsion (Mixture)	< 35	NE	NE	
Benzoate Ester (Proprietary)	< 5	NE	NE	
Ammonium Hydroxide (7664-41-7)	< 0.25	25	50	ppm
Non-hazardous Ingredients*	< 10	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Inhalation not likely due to product's physical state.

Calculated VOC: < 0.5%/wt (< 7 g/L). CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 16).

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Off-white colored paste product. Harmful if swallowed.
EFFECTS OF OVEREXPOSURE	May cause eye, skin, nose, throat, and respiratory tract irritation.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash with soap and water for at least 15 minutes. Get medical attention if symptoms persist. Remove and wash contaminated clothing.
EYE CONTACT	Immediately flush with large quantities of water for at least 15 minutes and until irritation subsides. Get medical attention.
INHALATION	If breathing is difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
INGESTION	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Chemical, Foam, Water Fog		
FLASHPOINT (°F) & METHOD	> 200°F (Closed Cup)	UPPER EXPLOSIVE LIMIT (% BY VOLUME)	NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	AUTOIGNITION TEMPERATURE (°F)	NE
UNUSUAL FIRE & EXPLOSION HAZARDS	None known.		
SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus pressure demand (NIOSH-approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Wear proper protective equipment (Section 8). Use absorbent material or scrape up dried material and place in approved container.
-------------------	---

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Keep out of reach of children and pets. Do not take internally. Do not breathe vapors. Use only with adequate ventilation. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Open windows and doors to ensure cross-ventilation and fresh air during application and curing.
STORAGE REQUIREMENTS	Close container after each use. Store containers away from excessive heat and freezing. Do not store at temperatures above 120°F. Store away from caustics and oxidizers.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air-purifying respirator with organic vapor cartridge may be necessary under circumstances where concentrations are expected to exceed exposure limits.
EYEWEAR	Goggles or safety glasses with side shields.
CLOTHING / GLOVES	Rubber gloves. Other protective equipment not required under normal use.
HYGIENIC PRACTICES	Remove and wash contaminated clothing before reuse. Wash hands before breaks and at the end of the workday.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE	Viscous Paste	ODOR & APPEARANCE	Mild Acrylic / Ammonia Smooth Paste
SPECIFIC GRAVITY	Approximately 1.0 to 1.50	VAPOR DENSITY (AIR=1)	Heavier than Air
EVAPORATION RATE	Slower than n-Butyl Acetate	BOILING RANGE (°F)	210 to 220°F
pH	Approximately 7 to 10	SOLUBILITY IN WATER	Slight, before Cure
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	Approximately 25 to 30%

SECTION 10 – STABILITY & REACTIVITY

STABILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Stable under normal conditions.
INCOMPATIBILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Incompatible with strong bases and oxidizing agents.
CONDITIONS TO AVOID	Excessive heat and freezing.
HAZARDOUS POLYMERIZATION / HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur under normal conditions. Normal decomposition products, i.e. CO _x , NO _x .

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Small amount of Silica, crystalline present in Calcium Carbonate and trace residual Formaldehyde present in base emulsion are suspected human carcinogens.
OSHA	Trace residual Formaldehyde present in base emulsion viewed as possible cancer hazard.
IARC	Trace residual Formaldehyde: human carcinogen.
NTP	Silica, crystalline present in small amount Calcium Carbonate filler: known carcinogen. Trace residual Formaldehyde: anticipated carcinogen.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Product contains trace amounts of residual Formaldehyde. OSHA and NTP identify Formaldehyde as a potential carcinogen. IARC identifies Formaldehyde as a human carcinogen. Formaldehyde has been shown to cause mutations in a variety of in-vitro test systems, with human significance unknown. Rats have shown carcinogenic effects in respiratory system. Risk should be minimal when used with adequate ventilation. Maintain adequate ventilation to prevent exposure above OSHA exposure limits.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Not known or expected under normal use.
-------------------------	---

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of material in accordance with Federal, State, and Local regulations.
EPA WASTE CODE IF DISCARDED (40CFR SEC. 261)	None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Shipping information applicable for domestic ground transport only. Different categorization may be necessary if shipped via other modes of transportation and/or to non-domestic destinations. PRODUCT NOT REGULATED BY DOT.
-------------------------------------	---

SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	Immediate health hazard; chronic health hazard.	U.S. STATE REGS	See Section 16.
SARA 313	None.	TSCA	All ingredients either on TSCA Inventory or exempt.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

NJ Right-to-Know (Top 5 Ingredients): Calcium Carbonate (1317-65-3), Base Acrylic Emulsion (Mixture), Benzoate Ester (Proprietary), Water (7732-18-5), Propylene Glycol (57-55-6). PA Right-to-Know (Non-Haz at > 3%): Water (7732-18-5). HMIS Ratings: Health: 1, Flammability: 0, Reactivity: 0, Personal Protection: B. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. (Trace residual Formaldehyde (50-00-0) in base polymer and silica, crystalline (14808-60-7) present at very low levels in calcium carbonate filler.) INTERNATIONAL EMERGENCY NUMBER: (352) 323-3500 – INFOTRAC.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act

Reviewed By:	Larry G. Brandon	VP Technology & General Manager	March 7, 2012
	NAME	TITLE	DATE

The information contained herein has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.