

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: T1-60 WALL & FLOOR TILE ADHESIVE      HMIS CODES: H F R P  
 PRODUCT CODE: 1033      0 0 0

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Custom Building Products, Inc.  
 ADDRESS: 6511 SALT LAKE AVE., BELL, CA. 90201  
 EMERGENCY PHONE: (323) 582-0846      INFORMATION PHONE: (323) 582-0846  
 DATE REVISED : 1-15-02      NAME OF PREPARER : BOB MCDANIEL  
 REASON REVISED: NEW

===== SECTION II - INGREDIENTS/SARA III INFORMATION =====

COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE		--
		OSHA PEL	ACGIH TLV	mm Hg @	TEMP	
* ETHYLENE GLYCOL	107-21-1		50 PPM	0.1	68F	
CALCIUM CARBONATE/	1317-65-3		10 mg.	N/A		

\* Chemicals(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: 212      SPECIFIC GRAVITY (H2O=1): 1.6  
 VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
 SOLUBILITY IN WATER: SOLUBLE UNTIL DRIED  
 APPEARANCE AND ODOR: WHITE, CREAMY PASTE-MILD, ACRYLIC ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: NONE  
 FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A      UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES  
 CLOSED CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME TEMPERATURES.  
 WEAR SELF-CONTAINED BREATHING APPARATUS FULL PROTECTIVE GEAR.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 MATERIAL CAN SPLATTER ABOVE 100C/212F. ACRYLIC POLYMER FILM CAN BURN  
 CONTAINERS AND MAY RUPTURE IF EXPOSED TO EXTREME TEMPERATURES.

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SECTION V - REACTIVITY DATA  
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STABILITY: STABLE

CONDITIONS TO AVOID

NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH STRONG OXIDIZING MATERIALS. ETHYLENE GLYCOL WILL REACT VIOLENTLY WITH CHLOROSULFONIC ACID, OLEUM, H<sub>2</sub>SO<sub>4</sub>

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI - HEALTH HAZARD DATA  
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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF THE NOSE THROAT, AND LUNGS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE SKIN CONTACT IRRITATING TO SKIN UPON REPEATED OR PROLONGED CONTACT

EYE CONTACT: MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) EYE IRRITATION. CORNEAL INJURY IS UNLIKELY.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

REPEATED SKIN EXPOSURE TO LARGE QUANTITIES MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS. THE DERMAL LD<sub>50</sub> HAS NOT BEEN DETERMINED.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THE ORAL LD<sub>50</sub> OF ETHYLENE GLYCOL FOR RATS IS IN THE 6000-13000 MG/KG RANGE. AMOUNTS INGESTED INCIDENTAL TO INDUSTRIAL HANDLING ARE NOT LIKELY TO CAUSE INJURY; HOWEVER, INGESTION OF LARGER AMOUNTS COULD CAUSE SERIOUS INJURY, EVEN DEATH.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: PRE-EXISTING SKIN, EYE, AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO ETHYLENE GLYCOL.

CHRONIC: EXCESSIVE EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM, KIDNEY, BLOOD, AND POSSIBLE LIVER EFFECTS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? YES  
NOT LISTED AS A CARCINOGEN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MIN. SEE PHYSICIAN IF IRRITATION RESULTS.

SKIN CONTACT: WASH WITH AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION

RESULTS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE (CONT'D.)

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR.

INGESTION: IF SWALLOWED, IMMEDIATELY INDUCE VOMITING BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL A PHYSICIAN. (NEVER GIVE ANYTHING BY MOUTH OR ATTEMPT TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON.) CALL A PHYSICIAN.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

AVOID ENTRY INTO SEWERS OR NATURAL WATER WAYS. SMALL SPILLS: SOAK UP WITH ABSORBANT MATERIAL. LARGE SPILLS: DIKE AND PUMP INTO SUITABLE CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL METHOD

DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN COOL, DRY AREA OUT OF SUNLIGHT. STORE AWAY FROM HEAT OR ANY HEAT SOURCES. PROTECT FROM FREEZING.

OTHER PRECAUTIONS - NONE

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

IF EXPOSURE MAY EXCEED TLV RANGE, USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

VENTILATION

GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP VAPOR CONCENTRATIONS WITHIN SPECIFIED TLV RANGES.

PROTECTIVE GLOVES

THE USE OF PLASTIC OR RUBBER GLOVES IS ADVISED TO PREVENT SKIN IRRITATION OF SENSITIVE INDIVIDUALS.

EYE PROTECTION

SAFETY GLASSES ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

ADEQUATE CLOTHING SHOULD BE WORN TO PREVENT SKIN CONTACT.

WORK/PRACTICES

HYGEINE AND GOOD HOUSEKEEPING PRACTICES SHOULD BE OBSERVED.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED

TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.