

5X POWDER

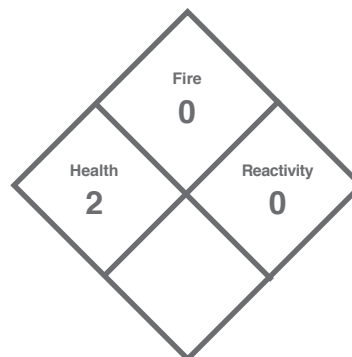
MSDS Information

VERONA MARBLE COMPANY
TECHNICAL ASSISTANCE CORPORATION8311 EASTPOINT DRIVE, SUITE 800
DALLAS, TX 75227TELEPHONE
(214)381-8456FAX
(214)381-4896WEB
www.vmctac.com**Material Safety Data Sheet****Product Name: 5X Powder**

24 Hour Emergency Number - Chem-Tel: 1-800-255-3924

Revision Date: 11/01/02

Pages: 3

**SECTION 1****OSHA HAZARD CLASSIFICATIONS**

CORROSIVE

SECTION 2**PRINCIPAL AND/OR HAZARDOUS COMPONENTS**ALUMINUM OXIDE
POTASSIUM OXALATECAS#1344-28-1
CAS#6487-48-45**SECTION 3****PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	TAN GRANULAR POWDER
VAPOR DENSITY (AIR - 1):	N/A
VAPOR PRESSURE (MM HG):	N/A
BOILING POINT:	N/A
FLASH POINT:	N/A
SOLUBILITY IN WATER:	PARTIAL

SECTION 4**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: NOT FLAMMABLE
 FLAMMABILITY LIMITS: N/A
 EXTINGUISHING MEDIA: WHATEVER IS SUITABLE FOR SURROUNDING FIRE.
 SPECIAL FIREFIGHTING PROCEDURES: MOVE CONTAINER FROM FIRE AREA IF POSSIBLE,
 AVOID BREATHING VAPORS OR KEEP UP WIND. A BREATHING APPARATUS IS
 RECOMMENDED.

SECTION 5**REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS.
 CONDITIONS TO AVOID: NONE.
 INCOMPATIBILITY: STRONG BASES SOME METALS.
 HAZARDOUS DECOMPOSITION MEDIA: OXIDES OF CARBON, SULFUR DIOXIDE. FORMS
 EXPLOSIVE HYDROGEN GAS WITH MOST METALS.

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SECTION 6

HEALTH HAZARD DATA

THE PRIMARY HEALTH HAZARD IS FROM THE POTASSIUM OXALATE POWDER CONTAINED HEREIN.

INHALATION: ACUTE EXPOSURE. IF HANDLED IRRESPONSIBLY, MAY CAUSE IRRITATION AND CORROSION OF MUCOUS MEMBRANES.

CHRONIC EXPOSURE: EATING THIS PRODUCT OR PROLONGED INHALATION MAY PRODUCE RENAL IMPAIRMENT.

FIRST AID: GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: CORROSIVE. ACUTE EXPOSURE; MAY BE IRRITATION TO EYES.

INGESTION: IF EATEN, LIKELY TO BE CORROSIVE TO THE MUCOUS MEMBRANES OF THE DIGESTIVE TRACT. CHRONIC EXPOSURE. REPEATED INGESTION MAY LEAD TO ACCUMULATION OF CALCIUM OXALATE IN THE BLOOD WHICH MAY CAUSE KIDNEY STONES.

PRIMARY ROUTE OF ENTRY: EYE AND SKIN CONTACT..

SECTION 7

HANDLING PRECAUTIONS

VENTILATION: PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION SYSTEM.

RESPIRATOR: SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED WHERE DUST LEVELS ARE HIGH. FULL FACE RESPIRATORS ARE RECOMMENDED WHERE DUST LEVELS PERMIT.

CLOTHING: EMPLOYEE SHOULD WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS CLOTHING AND EQUIPMENT TO PREVENT SKIN CONTACT. EMPLOYEE SHOULD WEAR PROTECTIVE GLOVES AND SPLASH PROOF/DUST RESISTANT EYE GOGGLES AND/OR FACE SHIELD. AN EMERGENCY QUICK DRENCH SHOWER AND EYE BATH STATION SHOULD BE PROVIDED.

SECTION 8

EMERGENCY AND FIRST AID INFORMATION

EYE EXPOSURE: IMMEDIATELY FLUSH EYES WITH COOL RUNNING WATER FOR AT LEAST 15 MINUTES OCCASIONALLY HOLDING EYELIDS OPEN TO INSURE FLUSHING THE ENTIRE EYEBALL. SEE A PHYSICIAN, PREFERABLY AN OPHTHALMOLOGIST.

SKIN EXPOSURE: WASH OFF SKIN WITH RUNNING WATER. SEE A PHYSICIAN IF IRRITATION PERSISTS OR A RASH DEVELOPS. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING. GIVE VICTIM 2 GLASSES OF WATER OR MILK OR MILK OF MAGNESIA. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IMMEDIATELY CALL A PHYSICIAN OR A POISON CONTROL CENTER.

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SECTION 9

SPILL AND LEAK PROCEDURES

IMPORTANT: BEFORE RESPONDING TO A SPILL OR LEAK OF THIS PRODUCT, REVIEW EACH SECTION OF THIS MSDS. FOLLOW THE RECOMMENDATIONS GIVEN IN THE HANDLING PRECAUTION SECTION. CHECK THE FIRE AND EXPLOSION DATA SECTION TO DETERMINE IF THE USE OF NON-SPARKING TOOLS IS MERITED. IF IRRITATING FUMES ARE PRESENT, CONSIDER EVACUATION OF ENCLOSED AREAS.

EMERGENCY RESPONSE ASSISTANCE: EMERGENCY RESPONSE TECHNICAL INFORMATION IS AVAILABLE 24 HOURS A DAY FROM CHEMTRAC AT 800-255-3924. SPILLS: ABSORB ON AN ABSORBENT MATERIAL AND DISPOSE OF IN AN APPROVED CONTAINER. NEUTRALIZE ANY RESIDUAL WITH SODIUM CARBONATE OR SODIUM BICARBONATE AND FLUSH TO SEWER.

NOTE: FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS GOVERNING THE RELEASE OR DISPOSAL OF HAZARDOUS WASTES. HOWEVER, INSURE PROPER MANAGEMENT OF ANY RESIDUALS REMAINING IN THE CONTAINER

SECTION 10

REGULATORY PROCEDURES

DOT PROPER SHIPPING NAME: OXALATES, WATER SOLUBLE (OXALIC ACID, DIHYDRATE) 6.1 UN2449 III.

HAZARD CLASS: 6.1 KEEP AWAY FROM FOOD

EPA REGISTRATION: NOT REQUIRED

TSCA INVENTORY: ALL COMPONENTS INCLUDED IN THE INVENTORY

FDA REGULATION(S): NONE

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE LIST: NO

SARA 312 HAZARD CLASSIFICATION(S): IMMEDIATE (ACUTE) HEALTH HAZARD: NO

SARA 313 TOXIC CHEMICALS LIST: NO

NFPA RATINGS: HEALTH 2 FLAMMABILITY 0 REACTIVITY 0

NPCA/HMIS RATINGS: HEALTH 2 FLAMMABILITY 0 REACTIVITY 0

HAZARD RATING KEY: 4 - SEVERE, 3 - SERIOUS, 2 - MODERATE, 1 - SLIGHT, 0 - MINIMAL

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REFLECTS THE LATEST INFORMATION AND DATA THAT WE HAVE ON HAZARDS, PROPERTIES AND HANDLING OF THIS PRODUCT UNDER THE RECOMMENDED CONDITIONS OF USE. ANY USE OF THIS PRODUCT OR METHOD OR APPLICATION WHICH IS NOT DESCRIBED IN THE PRODUCT DATA SHEET IS THE RESPONSIBILITY OF THE USER.
THIS MSDS WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARDS

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