

**CHEMAX**  
CORPORATION

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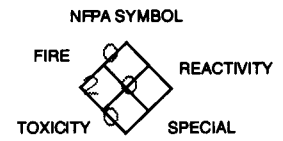
**MATERIAL SAFETY DATA SHEET**

**EMERGENCY PHONE 1-800-346-0132**

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



**PRODUCT IDENTIFICATION:**

B454 JUDMENT  
DATE: 01/02/03

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
65997-15-1	PORTLAND CEMENT	1.8	5 mg/M3

**SECTION II: PHYSICAL DATA**

BOILING POINT: N/A  
 VAPOR PRESSURE: N/A  
 VAPOR DENSITY: N/A  
 SOLUBILITY IN WATER: 0.2%  
 SPECIFIC GRAVITY: 2.7  
 PERCENT VOLATILE BY VOLUME: N/A  
 EVAPORATION RATE: N/A  
 P H: N/A  
 APPEARANCE AND ODOR: WHITE, OFF-WHITE, OR GRAY PIGMENTED POWDER & LOW ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NONE  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: NOT COMBUSTIBLE  
 SPECIAL FIREFIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: NUISANCE DUST; CAN DEVELOP SUFFICIENT HEAT THAT CAUSES BURNS TO SKIN IF A LARGE MASS, SUCH AS A CAST OF AN ARM, IS KEPT IN CONTACT WHILE HARDENING; CAN CAUSE IRRITATION TO THE EYES

EMERGENCY FIRST AID PROCEDURES:

SKIN: REMOVE FROM SKIN BY WASHING

EYES: FLOOD EYES WITH WATER FOR 15 MINUTES

INGESTION: GYPSUM CEMENT HARDENS WHEN WETTED AND IF INGESTED, CAN RESULT IN OBSTRUCTION. CONTACT A PYHSICIAN.

INHALATION: N/A

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITIONN PRODUCTS: ABOVE 1450 C: SO2 & CaO

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: SWEEP UP POWDER AND PLACE IN A SUITABLE CONTAINER

LARGE SPILLS: SAME

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

VENTILATION: LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s)

PROTECTIVE GLOVES: IF DUST OR SLURRY IS IRRITATING

EYE PROTECTION: DUST GOGGLES OR SAFETY GLASSES IF DUST IS ANNOYING

OTHER PROTECTIVE EQUIPMENT:NONE

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DEW POINT CONDITIONS OR OTHER CONDITIONS CAUSING PRESENCE OF LIQUID WATER DURING STORAGE WILL HARDEN THE GYPSUM CEMENT. KEEP OUT OF REACH OF ALL CHILDREN. BE CAREFUL WHILE USING.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.