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# MATERIAL SAFETY DATA SHEET

## HL15 Heritage Repair Mortar for Limestone

### SECTION 1: MANUFACTURER INFORMATION

CHEMICAL FAMILY..... MIX ( Silicates ,Carbonates, Ferric oxides )

PRODUCT USES ..... MORTAR FOR LIMESTONE REPAIR

HAZARD RATING  
 HEALTH 1  
 FIRE 0  
 REACTIVITY 0

### SECTION 2: Hazardous Ingredients

Ingredient Name	Concentration %	T.L.V.	C.A.S	LD / 50	LC / 50
No known hazardous ingredients			Not applicable		

### SECTION 3: PHYSICAL DATA

PHYSICAL STATE..... SOLID  
 APPEARANCE & ODOR..... ODOURLESS, WHITE TO OFF WHITE POWDER  
 pH (AS IS) ..... NOT AVAILABLE  
 SPECIFIC DENSITY (WATER =1) .....2,6 g / ml  
 BOILING POINT 0°C..... NOT AVAILABLE  
 VAPOR PRESSURE (mm Hg) ..... NOT AVAILABLE  
 VAPOR DENSITY (AIR=1) ..... NOT AVAILABLE  
 FREEZING POINT(WATER = 0°C)..... NOT AVAILABLE  
 EVAPORATION RATE ..... NOT AVAILABLE  
 VOLATILITY (%) ..... NOT AVAILABLE  
 SOLUBILITY IN WATER .....9,0 g/100g @ 18°C  
 COEFFICIENT OF WATER/ OIL..... NOT AVAILABLE

### SECTION 4: FIRE & EXPLOSION DATA

FLAMMABILITY..... NOT FLAMMABLE  
 CONDITIONS OF FLAMMABILITY..... NOT APPLICABLE  
 EXTINGUISHING MEDIA..... NOT APPLICABLE  
 FLASH POINT (°C) ..... NOT AVAILABLE  
 AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
 UPPER FLAMMABLE LIMIT (%vol)..... NOT APPLICABLE  
 LOWER FLAMMABLE LIMIT (%vol)..... NOT APPLICABLE  
 SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE  
 SENSITIVITY TO IMPACT..... NOT APPLICABLE  
 RATE OF BURNING..... NOT APPLICABLE  
 EXPLOSIVE POWER..... NOT APPLICABLE  
 HAZARDOUS COMBUSTION PRODUCTS..... NOT APPLICABLE

T.D.G. FLAMMABILITY.....NOT APPLICABLE

## SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY.....PRODUCT IS STABLE IN NON-EMERGENCY CONDITIONS  
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR  
REACTIVITY .....NOT AVAILABLE  
HAZARDOUS PRODUCTS OF  
DECOMPOSITION.....NOT AVAILABLE

## SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY.....INHALATION  
EFFECTS OF ACUTE EXPOSURE  
EYE CONTACT .....DUST MAY CAUSE MECHANICAL IRRITATION  
SKIN CONTACT.....DUST MAY CAUSE MECHANICAL IRRITATION  
SKIN ABSORPTION.....NOT AVAILABLE  
INHALATION.....DUST MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT  
INGESTION.....NONE KNOWN  
EFFECTS OF CHRONIC EXPOSURE  
LD 50 OF MATERIAL,SPECIES  
& ROUTE .....NOT AVAILABLE  
LC 50 OF MATERIAL,SPECIES  
& ROUTE ..... NOT AVAILABLE  
EXPOSURE LIMIT OF MATERIAL:.....10 mg / m<sup>3</sup> (INHALABLE), 3 mg / m<sup>3</sup> (RESPIRABLE)  
IRRITANCY OF MATERIAL .....SEE EFFECTS OF ACUTE EXPOSURE  
SENSITIZING CAPABILITY OF MATERIAL .....NOT AVAILABLE  
CARCINOGENIC EFFECTS.....NOT LISTED AS A CARCINOGEN  
REPRODUCTIVE EFFECTS ..... NOT AVAILABLE  
TERATOGENICITY ..... NOT AVAILABLE  
MUTAGENICITY ..... NOT AVAILABLE  
SYNERGISTIC MATERIALS ..... NOT AVAILABLE

## SECTION 7: PREVENTATIVE MEASURES

### PERSONAL PROTECTION

GLOVES / TYPE ..... WEAR IMPERVIOUS GLOVES  
RESPIRATORY / TYPE..... NIOSH APPROVED DUST RESPIRATOR IF NEEDED  
EYE / TYPE..... SAFETY GLASSES  
FOOTWEAR / TYPE..... SAFETY BOOTS PER LOCAL REGULATIONS  
CLOTHING / TYPE..... WEAR ADEQUATE PROTECTIVE CLOTHING  
OTHER / TYPE..... EYE WASH FACILITY SHOULD BE IN CLOSE PROXIMITY  
WASH HANDS PRIOR TO CONSUMING FOOD

VENTILATION REQUIREMENTS .....PROVIDE ADEQUATE VENTILATION

LEAK / SPILL..... VENTILATE AREA  
COLLECT AND CONTAIN FOR DISPOSAL OR REUSE  
WEAR ADEQUATE PROTECTIVE CLOTHING AND EQUIPMENT  
IF PRODUCT IS CONTAMINATED,SCOOP INTO CONTAINERS  
AND DISPOSE APPROPRIATELY.  
MATERIAL MAY BECOME SLIPPERY WHEN WET.  
WASTE DISPOSAL .....IN ACCORDANCE WITH MUNICIPAL,PROVINCIAL AND FEDERAL  
REGULATIONS.FOLLOW COMPANY POLICIES AND PROCEDURES.

HANDLING PROCEDURES AND  
EQUIPMENT ..... AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND  
CLOTHING

STORAGE NEEDS ..... KEEP CONTAINER CLOSED WHEN NOT IN USE.  
STORE IN COOL, DRY AND WELL VENTILATED AREA.

SPECIAL SHIPPING INSTRUCTIONS..... NOT REGULATED

## SECTION 8: FIRST AID MEASURES

SKIN CONTACT ..... WASH WITH SOAP AND WATER.  
CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

EYE CONTACT ..... FLUSH WITH PLENTY OF WATER, HOLDING EYELIDS OPEN. SEEK  
MEDICAL ASSISTANCE PROMPTLY IF THERE IS ANY IRRITATION.  
REMOVE CONTACT LENSES IF WORN.

INHALATION ..... REMOVE TO FRESH AIR.  
IF BREATHING IS DIFICULT,CONSULT A PHYSICIAN.

INGESTION ..... OBTAIN IMMEDIATE MEDICAL ATTENTION.  
GIVE LARGE QUANTITIES OF WATER TO DRINK.  
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON.DO NOT INDUCE VOMITING.

## SECTION 9: ADDITIONAL INFORMATION

DATA PREPARED BY :

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REVISION

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