



**Tile Armor**  
 111 Notch Lane  
 Wendel, PA 15691  
 1-866-492-0111

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174

EFFECTIVE DATE: 04-10-2008

N/A SIGNIFIES NON-APPLICABLE

## IDENTITY AND SUPPLIERS INFORMATION

<b>PRODUCT NAME:</b> PRO-RESTORE	<b>CHEMICAL FAMILY:</b> ACID DETERGENT	<table border="1"> <tr> <th colspan="2">NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th> <th>RATING</th> </tr> <tr> <td><b>HEALTH</b></td> <td></td> <td>2</td> </tr> <tr> <td><b>FLAMABILITY</b></td> <td></td> <td>0</td> </tr> <tr> <td><b>REACTIVITY</b></td> <td></td> <td>1</td> </tr> <tr> <td><b>MAX. PERSONAL PROTECTION</b></td> <td></td> <td>B</td> </tr> </table>	NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM		RATING	<b>HEALTH</b>		2	<b>FLAMABILITY</b>		0	<b>REACTIVITY</b>		1	<b>MAX. PERSONAL PROTECTION</b>		B
NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM			RATING														
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<b>REACTIVITY</b>			1														
<b>MAX. PERSONAL PROTECTION</b>		B															
<b>GENERIC NAME:</b> GROUT AND TILE RESTORER	<b>FORMULA:</b> PROPRIETARY																
<b>SUPPLIER'S NAME:</b> TILE ARMOUR	<b>PHONE NUMBER:</b> 1-866-492-0111																
<b>SUPPLIER'S ADDRESS:</b> P.O. BOX 111 111 NOTCH LANE WENDEL, PA 15691	<b>EMERGENCY NUMBER:</b>																
<b>PROPER SHIPPING NAME:</b> CONSUMER COMMODITY ORM-D																	

## SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NUMBER	WEIGHT %	SARA III	PEL	TWA-TLV	STEL-TLV
WATER	NO	7732-18-5		NO			
PHOSPHORIC ACID	NO	7684-38-2		NO	1 mg/m3	1 mg/m3	3 mg/m3
CITRIC ACID	NO	77-92-9		NO			
PHOSPHATE ESTER	NO	39454-62-1		NO	50 PPM	25 PPM	50 PPM

## SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

**BOILING POINT:** +212  
**SPECIFIC GRAVITY:** 1.19  
**VAPOR PRESSURE:** 18 MM  
**pH RANGE:** 1  
**VAPOR DENSITY:** >1  
**EVAPORATION RATE:** BuAC=1: <1  
**SOLUBILITY IN WATER:** COMPLETE  
**PHYSICAL DESCRIPTION:** CLEAR BLUE LIQUID WITH SLIGHT CHARACTERISTIC ODOR

## SECTION 3 - FIRE/EXPLOSION HAZARD DATA

**FLAMMABILITY:(FLAME PROJECTION)** N/A  
**FLASH POINT:** N/A  
**AUTO IGNITION TEMP:** N/A  
**FLAMMABILITY LIMITS:** %UEL N/A %LEL N/A  
**EXTINGUISHER MEDIA:** WATER, DRY FOAM, CO2.  
**SPECIAL FIRE FIGHTING PROCEDURES:** NONE  
**UNUSUAL FIRE/EXP HAZARDS:** NONE

## SECTION 4 - REACTIVITY HAZARD DATA

**STABILITY:** STABLE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**INCOMPATIBILITY:** STRONG ALKALIES AND OXIDIZERS.  
**CONDITIONS TO AVOID:** DO NOT MIX WITH CHLORINE BLEACH OR AMMONIA.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN.

## SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

<b>PRIMARY ROUTES OF ENTRY:</b>	<b>FIRST AID PROCEDURES:</b>
<b>ACUTE EFFECTS:</b>	
<b>SKIN:</b> SKIN IRRITANT. PROLONGED OR REPEATED CONTACT CAN CAUSE CHEMICAL BURNS OR DERMATITIS.	<b>SKIN:</b> REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREAS WITH LARGE AMOUNTS OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
<b>EYES:</b> SEVERE EYE IRRITANT. LIQUID AND MISTS MAY BURN OR INJURE THE EYES.	<b>EYES:</b> FLUSH EYES WITH LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
<b>INHALATION:</b> MAY BE IRRITATING TO MUCOUS MEMBRANES OF THE NOSE, THROAT AND LUNGS.	<b>INHALATION:</b> GET TO FRESH AIR. RESUSCITATE IF NECESSARY. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.
<b>INGESTION:</b> MAY BE IRRITATING TO THE MOUTH AND THROAT. LARGE DOSES CAN CAUSE NAUSEA AND VOMITING.	<b>INGESTION:</b> DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**RESPIRATORY PROTECTION:** USE WITH ADEQUATE VENTILATION.  
**PROTECTIVE GLOVES:** ACID PROOF. **EYE PROTECTION:** SAFETY GLASSES.  
**VENTILATION:** PROVIDE LOCAL EXHAUST.  
**OTHER PROTECTIVE CLOTHING:** NORMALLY NOT REQUIRED.  
**HYGIC WORK PRACTICE:** DO NOT EAT, DRINK OR SMOKE IN WORK AREA. WASH HANDS AFTER HANDLING. LAUNDRER CLOTHING IF CONTAMINATED.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** CONTAIN SPILL. MOP UP OR FLUSH AREA WITH WATER TO AVOID SLIP HAZARD.  
**WASTE DISPOSAL METHODS:** ANY METHOD IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS.  
**PRECAUTIONS IN STORAGE AND HANDLING:** STORE IN ORIGINAL SHIPPING CONTAINERS. KEEP CLOSED WHEN NOT IN USE. SHELF LIFE 1 YEAR. PROTECT FROM EXTREME HEAT OR COLD.  
**OTHER PRECAUTIONS:** READ AND FOLLOW LABEL DIRECTIONS. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM SOURCES OF HEAT, SPARKS, OR OPEN FLAMES.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.