

# MATERIAL SAFETY DATA SHEET

Information Phone # 1-800 728 1958  
Latest Revision Date: 01.01.2007  
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## SECTION I PRODUCT IDENTIFICATION

Trade Name	<i>Unipatch 20</i>		
Chemical Family	Cementitious product		
NFPA Ratings (Hazard ID)	Health 1	Fire 0	Reactivity 0
HMS Ratings (Hazard ID)	Health 1	Fire 0	Reactivity 0
<b>Warning! Irritant to skin, eyes. May be harmful to respiratory system. Contains silica, sand, cement.</b>			

## SECTION II INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATIONS

INGREDIENT	Portland Cement	Silica Crystalline Quartz	Aluminum Cement	Calcium Sulfate
CAS#	65997-15-1	7631-89-9	65997-16-2	13397-24-5
ACGIH TLV/TWA	5 ppm	0.1 ppm	5 ppm	5 ppm
ACGIH TLV/STEL	NA	NA	NA	NA
OSHA PEL/TWA	5 ppm	0.1 ppm	5 ppm	5 ppm
OSHA PEL/STEL	NA	NA	NA	NA
LD50, Oral	NA	NA	NA	NA
LD 50, Dermal	NA	NA	NA	NA
LD 50, Inhalation	NA	NA	NA	NA

## SECTION III PHYSICAL DATA

Physical State	POWDER	Specific Gravity	2.7 – 3.0
Appearance	GRAY	VOC, Calculated	NA
Odor	LOW OR NO ODOR	pH	12 WHEN MIXED WITH WATER
Boiling Range	NA	Freezing Point	NA
Vapor Pressure	NA	Water Solubility	NEGLIGIBLE

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Lowest Closed Cup Flashpoint	NA
OSHA Flammability Classification	NA
Lower Flammable Limit in Air	NA
Flash Points	NA
Mechanical Impact Explosion	NA
Static Electricity Explosion	NA
EXTINGUISHING MEDIA	Use extinguishing agent suitable for type of surrounding fire and structure

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

NA

### SPECIAL FIRE FIGHTING PROCEDURES:

NA

**SECTION V HEALTH HAZARD DATA**

**EFFECTS OF EXCESSIVE OVEREXPOSURE-PRIMARY ROUTES OF ENTRY ARE:**

**PRIMARY ROUTE(S) OF ENTRY:**  
 INHALATION                       SKIN                       INGESTION

**SKIN CONTACT:**  
IRRITATION. CAN CAUSE DEFATTING OF SKIN, WHICH MAY LEAD TO DERMATITIS.

**INHALATION:**  
DRY MATERIAL: NUISTANCE DUST MAY CAUSE REVERSIBLE RESPIRATORY PROBLEMS; OFTEN NON-PROTECTING EXPOSURE OVER TLV MAY RESULT IN SILICONS

**INGESTION:**  
NA

**MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT:**  
PREEXISTING EYE, SKIN, LIVER, KIDNEY AND RESPIRATORY DISORDERS.

**EMERGENCY AND FIRST AID PROCEDURES:**  
IN CASE IF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION; FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPORS OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

**OTHER HEALTH HAZARDS:**  
NA

**SECTION VI REACTIVITY DATA**

**STABILITY:**  
STABLE: NONE UNDER NORMAL CONDITIONS.

**CONDITIONS TO AVOID:**  
UPON DIRECT CONTACT WITH WATER,MATERIAL WILL HARDEN

**INCOMPATIBILITY (MATERIAL TO AVOID):**  
NA

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
NA

**SECTION VII SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
USE DRY CLEAN UP METHOD THAT DOES NOT DISPENSE MATERIAL INTO THE AIR. DO NOT BREATHE DUST AND AVOID CONTACT WITH EYES.

**WASTE DISPOSAL METHOD:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN APPROVED FACILITY

**SECTION VIII SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**  
USE OSHA, MSHA, OR NIOSH APPROVED DUST RESPIRATORS

**VENTILATION:**  
PROVIDE GENERAL CLEAN AIR DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW CURRENT APPLICABLE EXPOSURE LIMITS.

**PROTECTIVE GLOVES:**  
USE ANY RUBBER GLOVES TO AVOID WITH PRODUCT

**EYE PROTECTION:**  
DO NOT GET IN EYES. USE SAFETY EYEWEAR

**OTHER PROTECTIVE EQUIPMENT:**  
USE IMPERMEABLE PROTECTIVE CLOTHING.PREVENT SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED CLOTHING.

**SECTION IX SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**  
 KEEP MATERIAL DRY UNTIL USED. HIGH HUMIDITY OR MOISTURE WILL CAUSE PREMATURE HARDENING OF MATERIAL.

**OTHER PRECAUTIONS:**  
 DO NOT TAKE INTERNALLY. WASH HANDS AFTER USING AND BEFORE SMOKING OR EATING, EXPOSURE TO AIRBORNE CRYSTALLINE SILICA SHALL NOT EXCEED AN 8 HOURS A DAY, SEE 29CFR 1910.1000 TABLE Z-3. SEE ALSO OSHA 29 CFR.1910.134; ANSI Z.88.2; NIOSH POCKET GUIDE TO CHEMICAL HAZARD.

**SECTION X SARA TITLE III INFORMATION**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:  N/A

NAME					
CAS#					
PC. WEIGHT					

**SECTION XI D.O.T. REGULATIONS ( TRANSPORTATION )**

Hazard class	NA
ID number	NA
Packing Group	III
Proper shipping name	<i>Not Regulated by DOT</i>
Label	NA
US Domestic Ground Shipments	<i>Not Regulated by DOT</i>
US Domestic Ground Shipments Non Bulk ( in containers 119 gal or less )	<i>Not Regulated by DOT</i>
<b>Cross Border transport (ADR/RID)</b>	NA
ADR/RID class	
Danger code (Kemler)	
UN number	
Packing group	
Description	
<b>Marine transport ( IMDG )</b>	N/A
IMDG class	
UN number	
Label	
Packing group	
EMS Number	
Marine pollutant	No
Proper shipping name	
<b>Air transport ( ICAO-TI and IATA-DGR )</b>	N/A
ICAO/IATA class	
UN number	
Label	
Packing group	
Proper shipping name	

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