

MATERIAL SAFETY DATA SHEET HMIS

HEALTH 0
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION: E

I. IDENTIFICATION - PRODUCT NAME: PERMAGUARD FOSSIL SHELL FLOUR D-10

CHEMICAL NAME: CHEMICAL FAMILY: SILICATES
FORMULA:

II INGREDIENTS

MINERAL OR CHEMICAL NAME(S)	WEIGHT %	CAS #
AMORPHOUS SILICA – DIATOMACEOUS EARTH 61790-53-2	95-100%	

III PHYSICAL DATA

BOILING POINT:	N/A	FREEZING POINT:	N/A
VAPOR PRESSURE:	N/A	VAPOR DENSITY	N/A
EVAPORATION RATE	N/A	% VOLATILE	NOE
SPECIFIC GRAVITY	C	SOLUBILITY IN WATER	
SLIGHTLY			
APPEARANCE AND ODOR:		A SOFT EARTHY	
POWDER			

IV HEALTH HAZARD DATA

FLASH POINT:	NONE	FLAMMABLE
LIMITS:	NONE	
EXTINGUISHING MEDIA:	NONE	
SPECIAL FIRE FIGHTING PROCEDURES:	NONE	
UNUSUAL FIRE & EXPLOSION HAZAARD:	NONE	
THRESHHOLD LIMIT VALUE:	10 MG/M3	
TOTAL DUST:	NUISANCE DUST	

POSSIBLE EFFECTS OF A SINGLE OVEREXPOSURE:

INHALATION: ACUTE ACCIDENTAL EXPOSURE WOULD BE NON-SPECIFIC. SYMPTOMS MIGHT

INCLUDE COUGHING, WHEEZING, DIFFICULT BREATHING AND UPPER RESPIRATORY TRACT IRRITATION.

SKIN CONTACT: NO KNOWN CONCERN

EYE CONTACT: MAY CAUSE TEMPORARY DISCOMFORT
AND IRRITATION

INGESTION: NO KNOWN HAZARD.

POSSIBLE EFFECTS OF REPEATED OVEREXPOSURE

CHRONIC OVEREXPOSURE MAY CAUSE PNEUMONOCONIOSIS
(DUSTY LUNGS)

NO KNOWN HAZARD

EMERGENCY AND FIRST AID PROCEDURES

**INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS
DIFFICULT, OXYGEN AND CALL A PHYSICIAN**

**SKIN CONTACT OF NO GENERAL CONCERN; SIMPLY WASH
WITH SOAP AND WATER.**

**EYE CONTACT: FOR ACUTE EXPOSURE, FLUSH WITH WATER.
IF IRRITATION OR DISCOMFORT PERSISTS,
CALL A PHYSICIAN.**

INGESTION: NO KNOWN HAZARD.

**NOTES TO PHYSICIAN: THERE ARE NO SPECIFIC ANTIDOTES TO
ACUTE OVEREXPOSURE. TREATMENT SHOULD BE DIRECTED AT
THE CONTROL OF THE SYMPTOMS.**

VI. REACTIVITY DATA

STABILITY:	INERT
INCOMPATIBILITY:	NONE
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE
HAZARD POLYMERIZATION:	NONE
CONDITIONS TO AVOID:	NONE

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
VACCUUM CLEAN OR WET-SWEEP SPILLAGE.

WASTE DISPOSAL METHOD WASTE SHOULD BE DISPOSED OF
IN CLOSED CONTAINERS TO PREVENT DUST.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	APPROVED DUST RESPIRATORS FOR EXPOSURE TO POTENTIALLY HIGH DUST ENVIRONMENTS.
VENTILATION VENTILATION RECOMMENDED	LOCAL EXHAUST
PROTECTIVE GLOVES NOT REQUIRED SAFETY GLASSES	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	NOT REQUIRED

IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE AS WITH
ALL POWDERS:

LIMIT THE CREATION AND INHALATION OF DUST. WET FLOORS
MAY BECOME EXTREMELY SLIPPERY WHEN DIATOMACIOUS
EARTH IS PRESENT.

IX. ADDITIONAL PRECAUTIONS

**EMERGENCY TELEPHONE
NUMBERS
MEDICAL: (801) 295-2025
TECHNICAL (801) 295-2025**