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SEA CLAY  
MATERIAL SAFETY DATA SHEET

SECTION I.

PRODUCT IDENTIFICATION

Product name: SEA CLAY  
Chemical name: HYDROUS ALUMINA SILICATE  
Cas no: 1332-58-7

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SECTION II.

HAZARDOUS INGREDIENTS

Preservatives & Solvents: NONE  
Other gases & liquids or solids: TOTAL QUARTZ (SiO<sub>2</sub>) IS NOT MORE THAN 30% BY DRY WEIGHT, AND IT IS NOT FINE ENOUGH TO BE NORMALLY RESPIRABLE.

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SECTION III.

PHYSICAL DATA

Percent volatile: NONE  
Solubility in water: SLIGHTLY SOLUBLE  
Vapor pressure: NOT APPLICABLE  
Apparent density: 2.7  
Appearance: GREEN OR GRAY POWDER  
Odor: EARTHY ODOR

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SECTION IV.

FIRE AND EXPLOSION HAZARD DATA

NON-FLAMMABLE AND NON HAZARDOUS

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SECTION V.

REACTIVITY DATA

Stability: STABLE  
Incompatibility: NONE  
Hazardous polymerization: NONE

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SECTION VI.

HEALTH HAZARD DATA

Exposure Limits:

OSHA PEL 0.90 mg/m<sub>3</sub>  
OSHA PEL 0.58 mg/m<sub>3</sub>\*  
TLV-TWA 0.3 mg/m<sub>3</sub>\*

AS TOTAL DUST  
AS RESPIRABLE DUST  
AS RESPIRABLE DUST

\*Based on free silica content

Effects of over exposure:

Short term, acute:

MINOR AND REVERSIBLE  
MECHANICAL IRRITATION TO NOSE  
AND EYES.

Long Term:

EXPOSURE TO DUST AND FREE  
SILICA IN CONCENTRATION HIGHER  
THAN RECOMMENDED PEL MAY  
CAUSE SILICOSIS.

Carcinogenicity:

NO REPORTED EVIDENCE OF  
CARCINOGENICITY FROM SEA CLAY >  
LIMITED EVIDENCE OF  
CARCINOGENICITY FROM MINOR  
SILICA CONTENT (IARC 2A.)

First Aid & Emergency  
Procedures:

Eyes

FLUSH EYES WITH WATER. IF  
IRRITATION PERSISTS CONSULT  
PHYSICIAN

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SECTION VII.

SPILL, LEAK, AND DISPOSAL

Spill and leaks:

CLEAN UP AND COLLECT,  
MINIMIZING EXCESSIVE DUST. \*  
Disposal: ANY APPROVED SOLID WASTE  
DISPOSAL INCLUDING BURIAL. \*

\*Do not exceed recommended PEL (section VI).

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SECTION VIII.

SPECIAL PROTECTION

Respiratory:

IF DUST EXCEEDS RECOMMENDED  
PEL USE NIOSH APPROVED DUST  
RESPIRATORS. IF SPRAYING  
COATINGS, USE NIOSH APPROVED  
DUST/MIST RESPIRATORS.

Ventilation:

SUFFICIENT LOCAL EXHAUST OR  
OTHER VENTILATION TO REDUCE  
DUST CONCENTRATIONS TO LESS  
THAN PEL. USE ADEQUATE

Protective gloves:

Eye protection:

Other protection:

VENTILATION IF SPRAYING  
COATINGS.

NOT REQUIRED

TIGHT FITTING GOGGLES IF HIGH  
DUST

NOT REQUIRED

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SECTION IX.

#### STORAGE PRECAUTIONS

MINIMIZE DUST GENERATION AND EXPOSURE. DO NOT BREATHE DUST.  
STORE IN DRY LOCATION.