Material Safety Data Sheet May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200(g). Standard must be Consulted for specific requirements

Identity (As Used On Label and List)	**Date Prepared:**
B4075P Insta Temp	02-18-2010

Section 1 ~ Identification

Manufactured for:	**Emergency Telephone Number:**
OMEGA INDUSTRIAL SUPPLY, INC	1-800-424-9300
Address (Number, Street, Suite/Apt#)	**Telephone Number for Information:**
101 Grobric Ct #1	1-800-571-7347
(City, State, and Zip Code)	**Signature of Prepare (Optional)**
Fairfield, CA 94534	REGULATORY DEPT.

Section 2 ~ Composition/Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.
Composition Comments: Montmorillonite contains naturally occurring crystalline silica (not listed in Annex 1 of Directive 67-548/EEC) in quantities less than 6%.
Occupational Exposure Limits for impurities are listed in Section 8.

Section 3 ~ Hazard(s) Identification

EMERGENCY OVERVIEW: Material can be slippery when wet.
Route(s) of Entry: Inhalation, eye contact.
Eyes — Dust or powder may irritate eye tissue.
Skin — Non-irritating to the skin.
Inhalation — Repeated or prolonged inhalation may cause toxic effects. For additional information on inhalation hazards, see Section 11 on this Safety Data Sheet.
Ingestion — No significant adverse effects are expected upon ingestion of the product.
Target Organs – Lungs.
Health Hazards (Chronic) – This product has the potential for generation of respirable dust during handling and use. Dust may contain respirable crystalline silica. Overexposure to dust may result in pneumocononiosis, a respiratory disease caused by inhalation of mineral dust, which can lead to fibrotic changes to the lung tissue or silicosis a respiratory disease caused by inhalation of silica dust, which can lead to inflammation and fibrosis of the lung tissue. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Section 4~ First Aid Measures

Eyes— Flush eyes immediately with large amount of water. Get medical attention if irritation develops or persists.
Skin— No special measures required. Get medical attention if irritation develops or persists.
Inhalation— If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.
Ingestion— No special measures required. If ingestion of a large amount does occur, seek medical attention.
Note to physician: Provide general supportive measures and treat symptomatically.

Section 5 ~ Fire Fighting Measures

Flammable properties – The product is not flammable. This material will not burn.
Extinguishing media – Use any media suitable for the surrounding fires. Dry chemical, CO2, water spray or regular foam.
Protective equipment and precautions for firefighters – Material can be slippery when wet.
Hazardous combustion products – None known.

Section 6 ~ Accidental Release Measures

Personal precautions – Material can be slippery when wet. Forms smooth, slippery surface on floors, posing an accident risk. Wear a dust mask if dust mask if dust is generated above exposure limits.
Environmental precautions – No special environmental precautions required.
Methods for cleaning up – Avoid the generation of dust during clean up. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Reduce airborne dust and prevent scattering by moistening with water.
Methods for containment – None necessary

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing – Keep formation of airborne dust to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment. Guard against dust accumulation of this material. No special storage conditions required. No special restriction on storage with other products.
Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc.

Section 8 ~ Exposure Controls/Personal Protection

Occupational exposure limits
ACGIH

Impurities	Type	Value	Form
Inert or Nuisance Dust (SEQ250)	TWA	10 mg/m3 3 mg/m3	Inhalable particles. Respirable particles.
Quartz (14808-60-7)	TWA	0.025 mg/m3	Respirable fraction

OSHA

Impurities	Type	Value	Form
Inert or nuisance dust (SEQ250)	PEL	15mg/m3 5 mg/m3	Total dust. Respirable fraction
	TWA	5 mg/m3 50 mppcf 15 mppcf 15 mg/m3	Respirable fraction Total dust Respirable fraction Total dust
Quartz (14808-60-7)	TWA	2.4 mppcf 0.3 mg/m3 0.1 mg/m3 0.1 mg/m3	Respirable Total dust Respirable Respirable dust

Exposure Guidelines —Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.
Engineering Controls —If material is ground, cut or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn.
Respiratory Protection (Specify Type) — Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
Skin Protection — No special protective equipment required.
Eye Protection — Wear dust goggles.
General hygiene considerations — Eye wash fountain is recommended. Use good industrial hygiene practices in handling this material.

Section 9 ~ Physical Chemical Properties

Boiling Point	N/A	**Specific Gravity (H_2O = 1)**	2.5503 estimated
Vapor Pressure	N/A	**Melting Point**	N/A
Vapor Density	N/A	**Evaporation Rate (Butyl Acetate = 1)**	N/A
Solubility in Water	Negligible	**pH**	8 – 11
Appearance and Odor— Solid, granular, pellets, powder, chips, no odor.		**VOC%**	0% estimated

Section 10 ~ Stability and Reactivity

Stability: **Unstable** ☐ **Stable** ☒	**Conditions to Avoid** – None known.	**Hazardous Polymerization:** **May Occur** ☐	**Will Not Occur** ☒
Incompatibility (Materials to Avoid) – None known.		**Hazardous Decomposition or Byproducts** – None known.	

Section 11 ~ Toxicological Information

Acute Effects — Mild irritant to eyes.
Chronic Effects — In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits). Concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramics industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk.." (SCOEL SUM Doc 94-final, June 2003).
According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulator occupational exposure limits. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Carcinogenicity

IARC Monographs: Overall evaluation	
Quartz (14808-60-7)	1 Carcinogenic to humans

US ACGIH Threshold Limit Values: A2 Carcinogen	
Quartz (14808-60-7)	A2 Suspected human carcinogen

US NTP Report on Carcinogens: Known carcinogen	
Quartz (14808-60-7)	Known carcinogen

Section 12 ~ Ecological Information

Ecotoxicological data

Product	**Test Results**
Montmorillonite	LC50 Fish: 19000 mg/l 96.00 hours estimated

* Estimates for product may be based on additional component data not shown.

Ecotoxicity — This product is not expedited to produce significant Ecotoxicity upon exposure to aquatic organisms and aquatic systems. The product is not expected to be hazardous to the environment.
Environmental effects — Based on the physical properties of this product, significant environmental persistence and bioaccumulation would be not be expected.
Persistence and degradability — Not available.

Section 13 ~ Disposal Considerations

Waste Disposal Method — Dispose in accordance with all applicable regulations. Material with all applicable regulations. Material should be recycled if possible.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)	**Water Transportation (IMDG)**	**Air Transportation (IATA)**
Proper Shipping Name: Non-regulated as dangerous goods	Proper Shipping Name: Non-regulated as dangerous goods	Proper Shipping Name: Non-regulated as dangerous goods

Section 15 ~ Regulatory Information

U.S. Federal Regulations — OSHA process safety standard: This material is not known to be hazardous by the OSHA highly hazardous process safety standard, 29 CFR 1910.119.
CERCLA (Superfund) Reportable Quantity: None
SARA (Superfund Amendments and Reauthorization Act of 1986): None
Hazard Categories: Immediate Hazard – No; Delayed Hazard – Yes, Fire Hazard – No; Pressure Hazard – No, Reactivity Hazard – No.
302 Extremely Hazardous Substance: No
311 Hazardous Chemical: Yes

Inventory status

Country(s) or region	**Inventory name**	**On inventory (yes/no)***
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Exiting and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
State Regulations: WARNING! This product contains a chemical known to the State of California's to cause cancer.
US – California Proposition 65- Carcinogens & Reproductive Toxicity (CRT): Listed substance. QUARTZ (14808-60-7) Listed
US - California Proposition 65- CRT: Listed date/Carcinogenic substance. QUARTZ (14808-60-7) Listed: October 1, 1988 Carcinogenic.
US – Pennsylvania RTK – Hazardous Substances: Listed substance. QUARTZ (14808-60-7) Listed.

Section 16 ~ Other Information

	NFPA	HMIS	Key	
HEALTH	1	1*	4=	Severe
FLAMMABILITY	0	0	3=	Serious
REACTIVITY	0	0	2=	Moderate
OTHER/PROTECTION	-	-	1=	Slight
			0=	Minimal

Disclaimer: the information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the data of its publication. The information given is designed only as a guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representation, warranties or quality specification. The manufacturer expressly does not make any representations. Warranties or guarantees as to its accuracy, reliability or completeness nor assumes any liability for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.