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MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet (MSDS) meet the requirements of the Federal OSHA Hazard Communications Standard (29 CFR 1910.1200).

SECTION 1. PRODUCT IDENTIFICATION

MATERIAL NAME: WATER BLOCK HANDY-PAKS
CHEMICAL FAMILY: Silane
FORMULA: Proprietary

SECTION: COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Silane		10-20%	Dust 10 mg/m ³ (total inhalable) 4 mg/m ³ (respirable)

SECTION 3. PHYSICAL DATA

PURE MATERIAL OR MIXTURE: Mixture
PHYSICAL FORM: Solid powder
APPEARANCE/PHYSICAL DESCRIPTION: Dry fine white powder
pH AS IS: N/A
pH in 10% dispersion: 7-8.5
BOILING POINT: N/A
MELTING/FREEZING POINT: N/A
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY (WATER = 1): N/A
BULK DENSITY: 200-400 kg/m³
VOLATILES: <2%
EVAPORATION RATE: N/A
VAPOR PRESSURE (mmHg): N/A
VAPOR DENSITY (AIR = 1): N/A
VISCOSITY: N/A
VOLATILE ORGANIC COMPOUNDS: N/A

SECTION 4. FIRE AND EXPLOSION DATA

AUTOIGNITION: Grewer Test ? 200 Celsius
FLASH POINT: N/A
UPPER EXPLOSIVE LIMIT (%): Not applicable

LOWER EXPLOSIVE LIMIT (%): 15 g/m3
DUST EXPLOSION CLASS ST 1
EXTINGUISHING MEDIA: Water fog; Foam
SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
FIRE & EXPLOSION HAZARDS: Product is a finely divided combustible powder and constitutes a potential fire hazard. Keep workplace dust levels below the stipulated levels. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Product contains low level of organic volatiles which may be emitted at elevated temperatures
NFPA FLAMMABILITY HAZARD CLASS: 0 = Insignificant

SECTION 5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY: Inhalation; Skin contact; Eye contact
ACUTE EFFECTS - EYE: Particulates may scratch eye surfaces and cause irritation
ACUTE EFFECTS - SKIN CONTACT: Frequent or prolonged contact may irritate the skin.
ACUTE EFFECTS - INHALATION: Dust is irritating to respiratory system and nasal passages.
ACUTE EFFECTS - INGESTION: Irritant to gastrointestinal tract. Low oral toxicity.

FIRST AID PROCEDURES

EYE: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
SKIN CONTACT: Wash with soap and water.
INHALATION: Remove to fresh air. Get medical attention if irritation persists.
INGESTION: Treat symptomatically and supportively. Get medical attention.

LONG TERM EFFECTS OF EXPOSURE

EFFECTS OF CHRONIC EXPOSURE: Prolonged or frequent breathing of excess dust may cause an adverse respiratory effect.
TARGET ORGANS: Not applicable.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines): No

PRODUCT TOXICOLOGY

PRODUCT INFORMATION: Unlikely to cause harmful effects under recommended conditions of handling and use.

SECTION 6. ECOLOGICAL INFORMATION

Contributes to effluent BOD. Low toxicity to aquatic organisms. Miscible in water and likely to be transported considerable distances if allowed ingress to water. Partially biodegradable. Low potential for bioaccumulation.

SECTION 7. RECOMMENDATIONS FOR PERSONAL PROTECTIVE EQUIPMENT

CONDITIONS UNDER WHICH PPE REQ'D:	Normal work conditions.
EYE PROTECTION REQUIREMENTS:	Wear safety glasses with side shields.
GLOVE REQUIREMENTS:	The use of chemically resistant gloves is recommended.
CLOTHING REQUIREMENTS:	Uniforms, coveralls, or a lab coat should be worn.
CHANGE/REMOVAL OF CLOTHING:	Soiled clothing should be laundered before re-use.
WASH REQUIREMENTS:	Wash before eating, drinking, or using toilet facilities.
RESPIRATOR REQUIREMENTS:	None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.
VENTILATION REQUIREMENTS:	Local.

SECTION 8. REACTIVITY

STABILITY:	Stable.
HAZARDOUS DECOMPOSITION PRODUCTS:	Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.

SECTION 9. SPILL AND LEAK PROCEDURES

SPILL OR LEAK PROCEDURES:	Avoid dispersal in air. Remove all ignition sources. Possible dust explosion in air. Dampen spilled material, sweep up, and shovel into waste drums.
WASTE DISPOSAL METHODS:	Waste disposal should be in accordance with existing federal, state and local environmental regulations.

SECTION 10. HANDLING AND STORAGE PRECAUTIONS

STORAGE TEMPERATURE:	Ambient
HANDLING/STORAGE:	Store in a cool, dry area away from heat, sparks, or fire. All handling equipment must be properly grounded.

SECTION 11. SHIPPING INFORMATION

DOT SHIPPING NAME:	Not regulated.
DOT HAZARD CLASS:	None.
DOT REPORTABLE QUANTITY:	None.

SECTION 12. OTHER REGULATORY

TSCA:	All components are on the TSCA inventory.
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SECTION 13. REGULATORY CONTACT

MSDS DATE:

05/01/07

SECTION 14. ADDITIONAL INFORMATION

The information given and the recommendations made herein apply to our product (s) alone and not combined with other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.