DERBIGUM® TX ADDITIVE

A thickening agent used to be used with Derbigum OF and FS Surfaces

Product Description

- DERBIGUM TX Additive is thickening agent to be used with DERBIGUM OF and FS Surfacing to facilitate installation on inclined substrate surfaces from 2% - 15% slope.
- DERBIGUM TX Additive is to ONLY be used with DERBIGUM OF and FS Surfacing.
- DERBIGUM TX Additive is a a highly dispersable, amorphic silicone dioxide powder.

Product Properties

COMPONENT PROPERTIES

Property	TX Activator
Color	White
Physical State	Powder
Specific Density	2.20 g/cm^3
Viscosity	-
Flash Point	212°F/100°C

PRECAUTIONS:
Refer to DERBIGUM Liquid Applied Systems Material Safety Data Sheet (MSDS) before using or handling.

Limitations

To be used in pre-measured quantity with DERBIGUM OF and FS ONLY.

Application

The correct amount of DERBIGUM TX Additive will allow the DERBIGUM Liquid Applied Systems surfacing materials to be trowel applied without running or sagging down the inclined substrate surface. The following quantities are suggested as a guideline, but the actual quantity of DERBGIUM TX additive required will vary depending on ambient temperature, substrate temperature, and applicator preference:

DERBIGUM OF: 12.5 kg Work pack - 50 g (1/3 bag)
20 kg Work pack - 75 g (1/2 bag)

DERBIGUM FS: 17.5 kg Work pack - 75 g (1/2 bag)

Storage

Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 40°F (5°C) or above 80°F (27°C). Keep packages tightly closed and protect from humidity. Approximate shelf life 12 months in sealed original container.

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MAKING BUILDINGS SMART

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Rev: 07/09

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	**U.S. Department of Labor** Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072
IDENTITY (As Used on Label and List) Derbigum TX Additive	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I - PRODUCT INFORMATION

Manufactured For: DERBIGUM	Emergency Telephone Number: 800-727-9872
Address: 4821 Chelsea Ave., Kansas City, MO 64130	Telephone Number for Information: 800-727-9872
Date Prepared: July 13, 2009	Signature of Preparer (Optional)

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS Number	% Composition	ACGIH	NIOSH	OHSA-PELs
No Hazardous Chemicals	NA	NA	NA	NA	NA

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Physical State: Solid	Appearance: NA	Odor: NA	Odor Threshold (ppm): NA
Specific Gravity: ND	Vapor Density (AIR = 1): 2.20 g/cm³	Vapor Pressure (mm Hg): ND	Evaporation Rate (Butyl Acetate = 1): ND
Boiling Point : ND	Melting Point: ND	pH: 4	Solubility in Water: Insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Flammable Limits (vol/vol%): ND	LEL: 1.1	UEL: 7.0
Extinguishing Media: CO2, extinguishing powder, foam. Fight larger fires with alcohol-resistant foam.		Ignition Temperature: 698°F (370.0°C)	
Special Fire Fighting Procedures: If excessive fumes or smoke is encountered, wear self-contained breathing apparatus and full protective equipment.			
Unusual Fire and Explosion Hazards: None			
Hazardous Decomposition Materials (Under Fire Conditions): None			

SECTION V - REACTIVITY DATA

Chemical Stability	Stable: Stable under standard use and storage conditions.		Conditions to Avoid: None
Incompatibility (Materials to Avoid): None	Hazardous Decomposition Products: None		
Hazardous Polymerization	May Occur: NA	Will Not Occur: Should not occur	Conditions to Avoid: ND

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry ☐ Skin Contact ☐ Skin Absorption ☐ Eye Contact ☐ Inhalation ☐ Ingestion

Effects of Acute Exposure to Product: EYE-ND; SKIN-ND; INHALATION-ND; INGESTION: ND

Effects of Chronic Exposure to Product: ND

Emergency and First Aid Procedures: EYE EXPOSURE: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. Remove contact lenses after flushing. SKIN EXPOSURE: Wash affected area with soap and water. Get medical attention if irritation develops or persists. INHALATION: Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult. INGESTION: Give large quantities of water. Never give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Use protective measures as outlined in Section VIII below. Avoid contact with eyes, skin or clothing.

Waste Disposal Method: Dispose of materials according to the applicable Federal, State, or local regulations.

Precautions to Be Taken in Handling and Storing: Handling: Use with adequate ventilation. Storage: Keep containers tightly closed and in a cool, dry, ventilated area. Protect against physical damage.	Other Precautions: NA

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or EN approved respirator when necessary.

Engineering Controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.

Eye / Face Protection: Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA's eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.

Skin Protection: Chemical resistant gloves recommended, such as neoprene or nitrile rubber. Body covering clothing should be utilized.