

PRODUCT DATA

3 03 35 00 **Concrete
Finishing****MAXIMENT® HD****Abrasion-resistant mineral-aggregate
dry-shake hardener****Description**

Maximent® HD is a coarse top-sized, graded quartz-mineral-aggregate dry shake. It is applied over freshly placed and screeded concrete to increase its wear resistance at a moderate cost.

Yield

Moderate duty:

1.0 lb/ft² (4.9 kg/m²)

Heavy duty:

2.0 lbs/ft² (9.8 kg/m²)

Contact your local BASF representative to discuss coverage rates specific to your job.

Packaging

55 lb (25 kg) multi-wall bags

Shelf Life

18 months when properly stored

Storage

Store in unopened packaging in a clean, dry environment protected from sunlight at 50 to 90° F (10 to 32° C).

Features

- Quality-control tested before shipment to jobsite
- Maximum hard aggregate surface density
- Applies with mechanical equipment
- High abrasion resistance

Benefits

- Uniform bags, unlike jobsite-mixed materials
- Allows moderate to heavy application rates in 1 pass at 1.5 lbs (7.3 kg)
- Ensures uniform coverage
- Equal to or greater than jobsite or prepackaged traprock aggregates or other mineral dry shakes

Where to Use

APPLICATION

- Concrete floors in need of increased wear resistance
- Floors that are frequently or continually wet
- Industrial, warehouse, and distribution centers
- Refrigerated food-storage areas

LOCATION

- Interior floor surfaces

SUBSTRATE

- Freshly placed concrete

How to Apply**Application**

1. Consult the Maximent® HD product bag for details on the application of Maximent® HD surface hardener.
2. Contact your local representative for a pre-job conference to review the concrete mix design and additives and to carefully plan each step of the installation.

Curing

Cure only with membrane curing compounds recommended by BASF or ACI 308.

Maintenance

Clean Maximent® HD floor surfaces with normal mechanical-scrubbing or damp-mopping techniques, using a high-pH detergent-based cleaner. Maximent® HD floors may be swept and vacuumed with normal sweeping equipment used to clean ordinary concrete floors. Maximent® HD floors do not require high maintenance to remain serviceable.

For Best Performance

- Do not use when internal point loading or steel-wheeled traffic is anticipated.
- Do not use on areas exposed to acids, their salts, or other materials that attack or deteriorate Portland cement concrete.
- Do not use where resistance to struck sparks on the surface is desired.
- Where additional impact resistance, abrasion resistance, resistance to struck sparks, or energy-saving light-reflective colors are needed, consult your local BASF representative regarding Masterplate®, Masterplate® DPS, Anvil-Top®, and Lumiplate® surface hardeners.
- Do not use in areas where heavy impact is anticipated.
- Do not use over concrete containing more than 3% air content when tested by ASTM C 173, ASTM C 231, or ASTM C 138 procedures.
- Do not place dry shake on slab without a roof cover.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

MAXIMENT® HD

WARNING!

Maximent® HD contains silica, crystalline quartz; portland cement; limestone; gypsum; magnesium oxide.

Risks

Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestion or inhalation of dust may cause irritation. Contains small amount of free respirable quartz which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

Avoid contact with skin, eyes and clothing. Prevent inhalation of dust. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Waste Disposal Method

This product when discarded or disposed of is not listed as a hazardous waste in federal regulations. Dispose of in a landfill in accordance with local regulations.

For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given below.

Proposition 65

This product contains material listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

0 g/L or 0 lbs/gal less water and exempt solvents.

**For medical emergencies only,
call ChemTrec (1-800-424-9300).**

BASF Construction Chemicals, LLC – Building Systems

889 Valley Park Drive
Shakopee, MN, 55379

www.BuildingSystems.BASF.com

Customer Service 800-433-9517
Technical Service 800-243-6739



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