



PROTECT-BM™

Version 2
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PRODUCT DESCRIPTION

PROTECT-BM is an equipment protect and seal product to reduce slurry scale on hard, bare-metal surfaces with 100 times the anti-stick properties of Teflon®. PROTECT-BM reduces the amount of water and time needed for cleanup. PROTECT-BM will not be removed with traditional chemicals used in concrete polishing creating a long and lasting seal protecting equipment through your polishing season. PROTECT-BM does not include Epoxies, Butyls, and is non-fuming.

FEATURES

- Easy application process without the need for PPE and mixing ratios.
- Application methods include sponge, mop, or spray.
- Reduces slurry scale in plate crevices for easier tool change outs.

BENEFITS

- Triple-Zero HMIS Score
- Non-Butyl
- Epoxy Free
- Non-Fuming

Technical Information

Flammability: Non-Flammable	Boiling Point: ≥212° F
Form: Liquid	Cold Stability: 40°F
Odor: Mild Sweet Odor	VOCs: None
Solubility in Water: 100%	Carcinogens: None
Phosphates: None	

DOT Statement

Not dangerous good

Storage and Handling

PROTECT-BM should be stored at 40° F. Keep container closed when not in use. Safety glasses are suggested when handling this product. No special gloves or protective equipment is required. Consult a SlurryMonster representative for tank, piping, valve, hose coupling and fitting recommendations. After use, rinse empty container and discard as per federal, state and local regulations.

Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: Non-Toxic)

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals: Non-Mutagenic

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD

Guidelines for the testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

PROTECT-BM is classified as a “Mild-Skin Irritant”

Classification & Approvals

D.O.T – Not Dangerous Good

TDG – Not Dangerous Good

SARA 313 311/312 – This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 – This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

Dilution Specification

Use PROTECT-BM to protect and seal your equipment. This solution is sold as ready to use.

PROTECT BM Application Guide

This guide expands upon the label instructions on your PROTECT-BM container and **MUST** be followed. If you have further questions, please do not hesitate to call 877-4SLURRY or your local distributor.

PROTECT-BM is a Ready-to-Use Product. No Dilution is Required.

Preparation

The surface must be properly prepared for a successful PROTECT-BM application. The surface must be clean, dry and without any coating or paint. PROTECT-BM cannot work through concrete, paint, oils, release agents or any foreign material that may be used in the fabrication of your equipment. A clean, dry surface is required for a successful application.

Temperature

Prevent from freezing: PROTECT-BM containers must be stored above 40°F (5°C). PROTECT-BM should only be applied if the temperature of the surface is above 40°F (5°C). During cold weather, equipment must be stored inside to allow the surface to heat up, receive the PROTECT-BM application and be allowed to dry.

New Equipment

For new or refurbished equipment: prep surface with Slurry Monster's DISSOLVE-SP and rinse. This is done to prepare the surface by removing any slag or oils that were present after the equipment manufacturing process.

Water

PROTECT-BM is a sophisticated formulation. **ANY** water on the surface (wet walls and fins, condensation, or water pooled) **will result in a failed application**. Prior to the PROTECT-BM application, **all** water should be removed and the surfaces completely dried.

Tight Space Application

PROTECT-BM can be applied with an airless sprayer (pump up sprayer typically used in lawn and garden

applications). **Do not use an air sprayer or otherwise atomize PROTECT BM.**

Wear a painter's dust mask when applying using the Tight Space Application. A 1 cubic yard drum will require 32oz of PROTECT BM to be treated correctly. The drum will look coated (wet) after just 16 oz is applied. Be sure to continue the application until the entire 32 oz is applied. Pay special attention to applying PROTECT BM to the tight areas of accumulation. This is where buildup first occurs, and proper coating of these spaces is required to reduce nuisance build up. Waiting between coats is not needed. Any PROTECT BM™ that discharges or is collected can be used in a future application.

Bath Application (Not for electronics)

Follow the exact same preparation instructions above, pour enough PROTECT BM into a clean, dry, warm container to submerge clean, dry, warm metal parts. Allow to sit for 10-15 minutes. After the allotted time remove parts and collect PROTECT BM solution. PROTECT BM will be ready to be used in the next application.

Dry Time

PROTECT BM must be allowed to properly dry, overnight is preferable, but a minimum of 12 hours should be allowed. Any water contacting the surface during dry time will ruin the application. The drum surface must remain above 40°F during the entire application and drying process.

Re-Application

Repeat preferred application process exactly as needed.