



PRODUCT DATA SHEET

Description:

InhiBlast is a single component salt removing, flash rust preventing, and degreasing additive. Use to remove all contaminants including salts, oil, and blast residue. Use this product in conjunction with *pressure washing – *pressure wash after dry abrasive blasting, wet abrasive blasting, or waterjetting. InhiBlast is also effective when used with hand tool or power tool cleaning.

*Recommended to pressure wash at 1500psi or higher.

Features:

- Flash rust prevented for approximately 48 hours, often longer with no rain and temperature above 4°C.
- Surface salts including chlorides, sulfates, nitrates, and all other salts are generally undetectable after proper use.
- Immediately soluble in water or hydrocarbon solvents such as mineral spirits and xylene
- Non-hazardous, non-toxic and non-flammable
- Biodegradable, colourless, and odourless
- Phosphate and acid-free
- Evaporates with the water in which it is dissolved. The surface can be primed immediately after evaporation.

Compatibility:

Compatible with most major coatings.

Substrate Suitability:

- Steel, Iron, Galvanized Steel, Aluminum, and Stainless Steel
- Concrete and CMU Block (cinder block)
- Fiberglass

Characteristics:

- Prevents flash rusting of uncovered surfaces and provides rust-free window of 48 hours or longer with no rain or condensation and temperature above 4°C. Rust-free window for interior storage of InhiBlast-treated surfaces can be significantly longer.
- Prime InhiBlast-treated surface(s) as quickly as possible in accordance with coating manufacturer recommendations after surface is dry and before flash rusting appears.
- Shelf life is 3 years when stored correctly in a cool and dry place.
- Weight is 1.032kg per litre.
- Mass density is approximately 1032kg / cubic metre..

Instructions for Use

Typically used in both blast water and wash down water cycles.

Normally used in pressure washers, wet/ slurry and vapor abrasive blast equipment, and ultra high pressure (UHP) water jetting equipment or after dry abrasive blasting.

Diluted at 50 - 250:1 ratio with water depending on the application, humidity and level of surface contamination.

Dilution ratio of 100:1 is most common for blast and wash water cycles (See Mix Ratio and Coverage memos).

For high humidity environments with highly contaminated substrates, 50:1 dilution ratio may be necessary for both cycles. Typically, a 100:1 ratio is recommended for both cycles. After dry blasting, 50:1 dilution is recommended, except in low humidity and low contamination environments, when 100:1 should be adequate.

Testing various dilution ratios may be required until flash rust is eliminated.

Dust and other contaminants left after dry and wet abrasive blasting must be removed with InhiBlast-treated water. It is recommended to pressure wash with-treated water at sufficient pressure (recommended 1500psi or higher for pressure washer) and flow rates to effectively dislodge dust and contaminants and prevent flash rusting.

When using UHP water jetting equipment, consult equipment manufacturer concerning usage of InhiBlast or other additives in their equipment (See UHP Water Jetting memo). Use of DI (de-ionized) or RO (reverse osmosis) water may be required.

For degreasing, a 50:1 dilution ratio is generally recommended but a higher concentration (25:1) and possibly increased water pressure may be necessary.

Safety, Storing, and Packaging

Precautions:

- Hard water (high concentration of carbonates and other minerals), industrial or plant water, well water, river water, lake water and, in some cases, poor quality potable water can affect the performance of InhiBlast. You may need to filter the water before use..
- Avoid “pooling” of InhiBlast-treated water. Excess water should be blown away with clean, oil-free compressed air.

Safety Precautions:

- Keep out of reach of children
- Do not mix with other chemicals
- Do not store below -4°C to avoid freezing freezing chemicals. See current SDS for full list of precautions prior to use.
- Wear eye & skin protection when handling this product.
- Flush eyes with clean water for 2-4 minutes should contact with InhiBlast occur.
- Wash hands with soap & water after use
- Inhalation of vapor of undiluted InhiBlast may be harmful to some individuals. Seek medical attention if problems occur.

Packaging:

- Available in 5kg containers, 20kg cube drums, 210kg drums and 1000kg IBC's.
- Weight is 1.032kg per litre.

To the best of our knowledge, the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact us to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products.

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