



CHLOR RID International, Inc.

P.O. Box 908 Chandler, AZ 85244

Toll Free 800-422-3217 Office 480-821-0039 Fax 480-821-0364

www.chlor-rid.com

HOLD*BLAST™

Surface Passivator

DIRECTIONS

The use of this product is to prevent flash rust through surface passivation

Apply **HOLD*BLAST™** in a dilution of 1:50 with potable water directly onto the substrate (1 part **HOLD*BLAST** to 50 parts water). Sufficient product must be applied uniformly across the substrate to thoroughly wet the surface, with no areas missed. This may be accomplished by various methods, such as pressure washing, airless sprayer, conventional sprayer, UHP waterjetting, wet abrasive or mist/vapor blasting. Dilution may possibly be increased with good quality water and/or low soluble salt contamination levels.

On vertical surfaces, it is recommended that work start at the top and progress downwards. With wet abrasive, slurry, or vapor/mist blasting, it is recommended that surfaces be rinsed with the diluted **HOLD*BLAST** solution with the abrasive valve shut off for removing any particulate matter from the surface. After the substrate has been thoroughly washed it should be allowed to dry, or be dried, prior to coating application. Remove any excess or ponded water by use of compressed air or squeegee or other means.

Poorer quality water can often be used, but will require a higher concentration of **HOLD*BLAST**. Water quality, salt contamination levels, humidity and temperature are all variables that can affect dilution rates and results. Test on a small area and adjust the dilution rate until the desired results are obtained.

It is highly recommended that a minimum of a 1500 psi pressure washer be used. This is to ensure "driving" the solution into the profile of the surface.

Typical time for "holding the blast" is approximately 72 hours or longer. Wetting of the surface with rain, dew or condensation will cause the surface to rust. In highly humid environments, with surfaces contaminated with low salt levels, the 1:50 dilution should be sufficient. In low humidity and low salt levels the dilution ratio may be extended.

Before application of **HOLD*BLAST**, surfaces should always be tested to assure soluble salt limits are at a specified or acceptable level. (Testing after the application will mask the presence of surface salts under the passivation layer.) High levels of soluble salts will cause premature coating failure and degradation of the substrate. Test for levels of chloride with the standard **CHLOR*TEST** kit. Test for levels of chloride, sulfate and nitrate with the **CHLOR*TEST 'CSN'** kit. Both kits offer the highest degree of accuracy and are the easiest to use of any complete field test kit available.

This product leaves no chemical residue, is biodegradable, non-hazardous and is a safe and effective alternative to hazardous chemical rust inhibitors. **HOLD*BLAST** treated surfaces do not need to be rinsed; merely remove any excess spent wash water.

WARRANTY: **CHLOR*RID International Inc.** warrants this product to be identical in chemical and physical properties from batch to batch within the specification limits of the raw materials used in its manufacture.

SAFETY PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Do not mix with other chemicals. See M.S.D.S. for full precautions before use. This product is intended for professional use only.

Contact CHLOR RID International, Inc. for additional recommendations.

Made in U.S.A.

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