



### INSTRUCTIONS

1.0 All abrasives will be tested for soluble salts using the CHLOR RID CHLOR\*TEST "A" for abrasives. The maximum allowable chloride contamination will be 7ppm, or less. If the level of chlorides exceeds 7ppm the abrasive blasting operations will be stopped and contractor will replace abrasive with less than 7ppm to be compliant.

1.1 All abrasive blasting equipment shall be in proper working order. Sufficient air dryers and moisture/oil traps shall be included in the air supply lines to eliminate water and oil at the blast nozzle. An ASTM-D4285 Blotter Test is required to confirm air cleanliness. Contractor will abrasive blast surface to be coated to a SP-10/NACE 2. Contractor will achieve a minimum of 50 micron, or as recommended per the coating manufacturer's data sheet.

1.2 It is recommended that the contractor choose a test area of approximately 25ft<sup>2</sup> (2-3m<sup>2</sup>), abrasive blasting in accordance with 1.1, followed by surface salt testing indicated in 1.3, to verify cleanliness. Tested area exceeding specified salt limits outlined in 1.6 shall be washed in accordance with 1.7. Adjust speed of travel, pressure or dilution as necessary and retest to verify desired cleanliness level is attained.

1.3 Immediately after abrasive blasting, contractor will test areas of coating failure, corrosion, and metal loss as well as at weld seams, when present, for chlorides, nitrates and sulfates with the CHLOR\*TEST C.S.N. Test Kit. 30% of the tests should be conducted at weld seams.

1.4 All equipment (tanks, hoses and pumps) used to transport water shall be flushed to be free of possible contaminants.

1.5 The water used for pressure washing shall be clean potable water, or better, and be tested using the CHLOR RID CHLOR \*TEST "W", with all test results less than 100 ppm of chlorides. Contractor shall test each load of water to be used for decontamination purposes.



# CHLOR-RID

## SURFACE PREPARATION

1.6

1.6.1 Salt Limits - Immersion or Splash Service

<b>Soluble Salt</b>	<b>0 to 100° F</b>	<b>100° to 175° F</b>	<b>175° to 250° F</b>
<i>Unit</i>	$\mu g/cm^2$	$\mu g/cm^2$	$\mu g/cm^2$
<b>Chloride</b>	<b>3</b>	<b>&lt;2</b>	<b>ND</b>
<b>Nitrate</b>	<b>5</b>	<b>&lt;3</b>	<b>ND</b>
<b>Sulfate</b>	<b>10</b>	<b>&lt;5</b>	<b>ND</b>

1.6.2 Salt Limits – Atmospheric Service

<b>Soluble Salt</b>	<b>Atmospheric</b>
<i>Unit</i>	$\mu g/cm^2$
<b>Chloride</b>	<b>5</b>
<b>Nitrate</b>	<b>10</b>
<b>Sulfate</b>	<b>15</b>

1.7 If salt limits indicated in 1.6 are not met, contractor shall decontaminate all metal surfaces using a minimum 3000 psi pressure washer with a zero degree (turbo) rotating nozzle and water modified with CHLOR\*RID, usually at a 1:100 dilution with clean potable water. Add CHLOR\*RID by means of a metering pump or add to a reservoir water supply. The spray tip is to be held a maximum of 12” (maximum of 30cm from the surface) and perpendicular to the metal surface with overlapping pattern. In areas of deep pitting or metal loss, slow the wash speed to enable more CHLOR\*RID dwell time.

1.8 Contractor will re –test decontaminated areas with C.S.N test kit. Areas not meeting the specified limits in 1.5 above are considered non-compliant and will be re washed with a minimum 3000 psi (200 bar) pressure washer with a zero degree (turbo) rotating nozzle and water modified with CHLOR\*RID at 1:75 dilution with clean potable water. Retest after rewashing until compliant.

1.9 Contractor will then abrasive blast surface to be coated to the specified requirements of the coating manufacturer’s product data sheet.

1.10 Abrasive blasted surfaces shall be free of all dust, dirt and debris and with no visible rust. To prevent the formation of flash rust, contractor may use HOLD\*BLAST, in accordance with





**SUPERIOR PRODUCTS**  
EUROPE

# CHLOR-RID

## SURFACE PREPARATION

manufacturer's directions for application per the data sheet, or the surface can be re-blasted prior to coating application.

### SAFETY PRECAUTIONS

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.

**LIMITATION OF LIABILITY:** All recommendations or suggestions relating to the use of the products, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The products and information are designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use. SPE has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, SPE does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet. The information contained in this data sheet is subject to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and the user has the responsibility to ensure that this sheet is current prior to using the product.

Oct-15

**Superior Products Europe nv/sa**

Kampweg 123 | B-2990 Wuustwezel | Belgium

Phone: +32 3 690 02 40 | Fax: +32 3 690 02 41 | [www.specoating.com](http://www.specoating.com) | [info@specoating.com](mailto:info@specoating.com)

