

# SIGMA WET BLAST INHIBITOR

2 pages

December 2010  
Revision of September 2005

<b>DESCRIPTION</b>	water soluble corrosion inhibitor to prevent rusting of wet blast cleaned steel
<b>PRINCIPAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>– formulated to be used in conjunction with suitable epoxy primer</li> <li>– soluble in water</li> <li>– phosphate free</li> <li>– under reasonable weather conditions (no rain; temperature above 0°C) rusting will be prevented for a maximum of 48 hours</li> </ul>
<b>COLOURS AND GLOSS</b>	colourless
<b>BASIC DATA AT 20°C</b>	(1 g/cm <sup>3</sup> = 8.25 lb/US gal; 1 m <sup>2</sup> /l = 40.7 ft <sup>2</sup> /US gal)
Mass density	1.0 g/cm <sup>3</sup>
Volume solids	75 ± 2%
VOC (supplied)	max. 5.3 g/kg (Directive 1999/13/EC, SED) max. 5 g/l (approx. 0.0 lb/gal)
Overcoating interval	min.:suitable primers can be applied even when a wet blasted surface is still damp, provided it is free from any visible water droplets or running water; a dry substrate is always to be preferred max.:48 hours at reasonable weather conditions (no rain; temperatures above 0°C)
Shelf life (cool and dry place)	at least 12 months
Flash point	above 65°C
<b>INSTRUCTIONS FOR USE</b>	<ul style="list-style-type: none"> <li>– for details see system sheet 4110</li> <li>– for the blasting process, add 1 litre of inhibitor to 1000 litres of fresh water, mix thoroughly</li> <li>– for rinsing, add 5 litres of inhibitor to 1000 of fresh water, mix thoroughly</li> <li>– the treated surface should be completely primed as early as possible</li> <li>– in order to avoid an overconcentration of the inhibitor, the excess water should be blown away with oil free compressed air</li> <li>– before priming, the surface must be free of surplus water</li> <li>– suitable epoxy primer is: SigmaCover 280 (7417)</li> </ul>
<b>SAFETY PRECAUTIONS</b>	for paint and recommended thinners see safety sheets 1430, 1431 and relevant material safety data sheets  although this is a solvent free paint, care should be taken to avoid inhalation of spray mist as well as contact between the wet paint and exposed skin or eyes
<b>Worldwide availability</b>	Whilst it is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

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## REFERENCES

SigmaCover 280	see product data sheet 7417
Explanation to product data sheets	see information sheet 1411
Safety indications	see information sheet 1430
Safety in confined spaces and health safety	
Explosion hazard - toxic hazard	see information sheet 1431
Cleaning of steel and removal of rust	see information sheet 1490

## LIMITATION OF LIABILITY

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the Sigma Coatings products made by PPG Protective & Marine Coatings, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

PPG Protective & Marine Coatings has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. PPG Protective & Marine Coatings does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The data contained herein are liable to modification as a result of practical experience and continuous product development.

This data sheet replaces and annuls all previous issues and it is therefore the user's responsibility to ensure that this sheet is current prior to using the product.

The English text of this document shall prevail over any translation thereof.

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