

PRODUCT CHARACTERISTICS

Specially designed for high temperature environments.
 It can be applied on cold or hot surfaces (up to 190°C) without the need to shutdown.
 Suitable for application to external of pipe work, vessels, chimney stacks, flare stacks etc., operating at continuous temperature of up to 550°C (850°C under certain conditions, contact technical department for advice).
 This product is fire resistant (class 0).
 Excellent chemical resistance combined with outstanding UV and weathering protection.
 Ideally used as a high gloss topcoat/sealer.
 A thin film coating for protection of other underlying systems in tank lining situations, allowing the system to cure insitu.
 It removes the need for post curing of most lining systems.
 Single pack, high solids product which is easy to apply by brush, roller or spray.

PRODUCT DESCRIPTION

One pack silicon hybrid polymer.

PRODUCT INFORMATION

Colour:	Clear.
Volume solids (v/v%):	85 ± 1%
Density:	1.0gms/cc
Cure:	Air dry moisture curing system.
Typical thickness range:	DFT: 25 - 50µ WFT: 30 - 60µ Max WFT: 60µ coat.
Theoretical coverage:	20m ² /ltr @ 50µ WFT. (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Immersed: Contact our technical department. Atmospheric: 850°C
Pack sizes:	2.5ltrs in 5 ltr container.

APPLICATION DATA

Method:	Airless spray, roller or brush .	
Thinner:	No thinning agents to be added.	
Cleaner:	S11A	
Recoating interval @ 20°C:	Min:	1 hr (touch dry).
	Max:	12 hrs
Pot life:	Unlimited.	
Curing time @ 20°C:	24 hrs	(depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Single pack system.	
Airless spray:	Pump:	Minimum 33:1 ratio with a fluid twist tip.
	Tip size:	(13-15 thou.)
Brush or roller:	For inaccessible or awkward areas or when spray application is not required or feasible. Do NOT apply at a WFT higher than 100 microns as bubbling could occur.	

LIMITATIONS

Application:

Do **NOT** apply to wet or damp surfaces or when environmental conditions are outside those specified for the product.

Do **NOT** apply at higher thickness than specified.

Over thickness would cause severe bubbling.

Certain high temperature alloys and stainless steel require abrading the surface prior to application to ensure proper adhesion.

For further information, contact our technical department.

ENVIRONMENTAL CONDITIONS

Application should **NOT** be carried out when:-

Relative humidity is >70%

Air temperature < 5°C

Substrate temperature < 3°C below dew point of surrounding air.

Good ventilation and airflow is required at all times to achieve satisfactory curing.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL to ensure that its products are handled and applied by professionally approved and skilled applicators.

Application shall be carried out in accordance with instructions contained in this data sheet and referenced to CHEMCO INTERNATIONAL TECHNICAL SPECIFICATION MANUAL.

CHEMCO INTERNATIONAL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

STORAGE

Store in cool, dry conditions (not less than 4°C or above 20°C).

Keep away from direct heat source and sunlight.

When not using the material always replace the lid on the container properly.

SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.

At temperatures above, refer to manufacturer for advice.

DISCLAIMER: The information contained herein is, to the best of our knowledge, accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.

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