

TECHNICAL INFORMATION SHEET

RESTORATIVE IRON STAIN POULTICE

DESCRIPTION

A chemically activated poultice product for the removal of iron-oxide (rust) staining from mineral substrates.

ADVANTAGES

- Supplied in one part, pre-mixed.
- Iron staining is mobilised by the product and transported into the poultice during drying.
- The product has an aqueous composition, and is water soluble. It can, and should, be applied to a damp surface.
- The product contains a titration indicator, initially darkening the poultice as it takes up iron, and then turning colour neutral on drying.

LIMITATIONS

- Will not work through sealers, wax or other coatings.
- The product has an unpleasant odour which neutralises on drying.
- The product should not be used at extremes of ambient temperature i.e. use at 6-26°C. Provide shade from direct sunlight.

BEFORE USE

- Refer to Method Statements, including MSDS for safety advice.
- Protect and or mask adjacent sensitive areas.
- Remove loose surface deposits with a stiff nylon brush - Not a metal wire brush. Some liquid may rise to the surface in the container during storage and transportation. This should be re-mixed back into the product prior to use.
- Carry out discreet test sample area first to ascertain suitability and optimum working parameters.

APPLICATION & REMOVAL

- Dampen the surface with clean water.
- Once the product has been re-mixed, apply with a plastic or stainless steel spatula, trowel or float to a thickness of approximately 4-6mm to the stained areas. For heavily carved areas it may be convenient to apply with the hand, suitably protected with a heavy gauge rubber glove.
- In strong drying conditions (high temperature or 'windy' location', initially cover the poultice with light gauge polythene, cling-wrap or decorators film for a period of approximately 6 hours before uncovering and allow to dry naturally for up to 24 hours.
- Once the dwell time has expired, the poultice is normally semi-dry. Remove as much as is practicable with a spatula.
- Rinse the surface thoroughly with clean water. The ThermaTech® system is normally suitable for the purpose but only moderate temperature and pressure are normally required (<90°C and <50bar respectively).
- Repeat if procedure if necessary.
- Avoid contact with strong Alkalis.
- Protect adjacent surfaces, particularly metals including bright or patinated ferrous alloys, copper alloys and silver.

CONSUMPTION

- Approximately 1.2kg per millimetre thickness per m². Example; 6kg per 5mm thickness per m².

PRECAUTIONS

- This product contains Sodium Mercaptoacetate 10 - 30% w/w CAS 367-51-1, use gloves and wash hands thoroughly.
- Irritating to eyes and skin. Wear suitable gloves and eye protection when both opening and using product. In the event of

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contact with eyes, wash immediately and continuously with copious amounts of clean water.

- Use in a well ventilated area.
- If in contact with skin, wash promptly with clean water. If any symptoms persist (irritation, soreness), seek medical advice and show this TDS or the product label.

STORAGE AND HANDLING

- Keep from freezing.
- Store in a cool, dry place.
- Following storage or transport, ensure the product is given sufficient time to reach recommended working temperature.
- Do not alter or dilute the product for use.

- Reseal the container immediately after use. Keep container upright during transport and storage.
- Do not return stale or used poultice to the fresh container.
- All other aspects of handling, personal protective equipment (PPE) etc. must be in accordance with the product HSDS.

PACKAGING

- This product is normally supplied in 10kg weight in a 10 litre tub with re-sealable lid. Alternatively in sample sized containers <0.5kg.

TECHNICAL DATA

FORM	Thick paste, light pink in colour
SPECIFIC GRAVITY	Approx. 1.2
pH	7.0
WT/GAL (US)	10.7 lb/gallon
ACTIVE CONTENT	Approx. 10%
TOTAL SOLIDS	Approx . 35%
VOC CONTENT	N/A
FLASH POINT	>212°F (>100°C)
FREEZE POINT	32°F (0°C)
SHELF LIFE	1 year in tightly sealed, original, unopened container