

# SUPRAMOR<sup>®</sup> S80

## SOLVENT REMOVER

### 1 Description

The remover S80 is a clear, colorless blend of liquid solvents which are non-chlorinated and medium to fast drying.

S80 is designed to remove white contrast paints for magnetic particle inspection. The product is also ideally suited for the removal of oil, grease and other organic contamination prior to the application of a magnetic ink or a penetrant. S80 will remove most types of inks commonly found in marker pens.

S80 is available as bulk material and as aerosol.

It is typically used together in the Supramor<sup>®</sup> 4 Black magnetic ink system for the removal of WCP 712.

#### Conformances

✓ ASME Boiler & Vessel Code                      Selection V, Article 6 & 7  
Ask your Chemetall representative for a complete list of approvals

### 2 Physical and chemical properties

Property	Unit	Typical Value	Test Method
Appearance	-	Clear, colorless liquid	-
Density	g/ml	Approx. 0.79 @ 20 °C / 68 °F	-
Flash point	-	-11 °C / 12 °F	-

These are typical values only and do not constitute a specification.

### 3 Method of use

S80 should be sprayed directly onto the contamination to be removed. The surface may then require wiping or flushing with S80 depending upon the level of contamination to be removed. For best results, the surface should be given a final wipe over with a clean cloth or tissue dampened with S80.

When removing WCP 712, several applications of S80 may be necessary, especially on areas where the coating of white contrast lacquer is heavy.

For the removal of marking inks, it is often sufficient to wipe the surface with a cloth dampened with S80.

Surface temperature should be between 0 and 50°C (30-120°F).

## 4 Effects on materials

When S80 is used in the prescribed manner, no significant corrosion is likely to occur on commonly used constructional metals.

S80 may cause swelling of some rubbers and plastics and it will cause crazing of PMMA and polycarbonate. If S80 is to be used on synthetic surfaces, including painted surfaces, the product should be tested for compatibility before application.

## 5 Storage

Store in a cool place, with protection from freezing conditions. Shelf life is 36 months for S80 aerosol cans and 60 months for S80 bulk.

## 6 Labor and environmental protection

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

## 7 General Information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, descaling, paint and carbon removal, metal working and protection and non-destructive testing. Sales Executives are available to advice on specific problems and applications.

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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