

BONDERITE S-ST 1270-5

Known as Turco 1270-5
March 2016

PRODUCT DESCRIPTION

BONDERITE S-ST 1270-5 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Water based cleaner
Application	Paint softener/ remover

BONDERITE S-ST 1270-5 is a viscous white to light brown emulsion that does not contain any of the hazardous or highly toxic components of conventional paint removers.

It is free of chlorinated solvents, phenol, chromates, free alkali and free acid.

Under most regulations, BONDERITE S-ST 1270-5 is classified as non-hazardous.

BONDERITE S-ST 1270-5 has an extremely low evaporation rate and will remain active for more than 24 hours.

BONDERITE S-ST 1270-5 does not attack Aluminum, Magnesium, Steel and Copper.

Application Areas

Initially BONDERITE S-ST 1270-5 was developed as a paint softener to be used in combination with blast media and high pressure water.

In practice, however, it became evident that with sufficient time and/or elevated temperatures, certain paint system were removed without the necessity of blasting or high pressure rinse.

In the stripping process, only the topcoat and the intermediate coat are stripped, leaving the chromate primer to be re-coated.

Special features

1. NESHAP (US regulation) compliant - no HAPs.
2. Allows stripping of topcoat and intermediate coat without stripping primer.
3. Minimizes hazards in work area.
4. Safe on aircraft metal, including magnesium and high strength steel.

TECHNICAL DATA

(as supplied):

Density, g/mL	1.05
Appearance	white paste
Viscosity	approx. 5 Poise
pH (conc.)	11.8 to 12.2
Flashpoint, °C	>100

DIRECTION OF USE

Preliminary Statement

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Application

BONDERITE S-ST 1270-5 is a very viscous liquid and should be applied by flow or non-atomizing spray.

Allow to dwell for sufficient time to soften or lift the paint.

A few hours will be sufficient to prepare for blasting or high pressure rinsing (preferably hot).

Overnight may be required if the paint system is to be removed completely by the paint remover action.

(Scratching of the conditioned paint after a few hours will accelerate the process considerably).

Although BONDERITE S-ST 1270-5 can be rinsed off with water, the majority of the paint remover should be removed with scrapers or squeegees.

This avoids the generation of large volumes of waste water to be treated.

Paint residues may contain pollutants and although relatively non-toxic, BONDERITE S-ST 1270-5 contributes a considerable BOD/COD value to waste water.

Storage

Recommended Storage Temperature, °C	0 to 40
Shelf-life, months	12
(in unopened original packaging)	

Classification

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada Corporation, the following disclaimer is applicable:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 0.0