BONDERITE

BONDERITE C-AK 5948DPM EU AERO

Known as TURCO 5948 DPM
September2013

PRODUCT DESCRIPTION

BONDERITE C-AK 5948DPM EU AERO provides the following product characteristics:

Technology	Metal Pre-Treatment
Product Type	Alkaline Cleaner
Application	Immersion

BONDERITE C-AK 5948DPM EU AERO is an alkaline, water base, blue concentrated compound formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces when diluted with water. BONDERITE C-AK 5948DPM EU AERO is ideally suited for use on all models of jet aircraft. BONDERITE C-AK 5948DPM EU AERO is also designed to be used in immersion tanks, for dip applications.

Application Areas

BONDERITE C-AK 5948DPM EU AERO is used for metal pretreatment processes.

BONDERITE C-AK 5948DPM EU AERO offers these features:
1. For use on all aircraft metals and well bonded paint
2. Nonstaining and nonstreaking to aluminum
3. Readily soluble and stable in water mixtures
4. Free rinsing
5. Ideal for parts cleaning
6. Pleasant and refreshing odor
7. Nonflammable
8. Does not contain phosphates, chromates or butyl cellosolve

TECHNICAL DATA

Appearance	blue liquid
pH-value	11.4 to 12.2
Density, g/ml	1.006 to 1.026

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.

Use instructions

Immersion Cleaning: BONDERITE C-AK 5948DPM EU AERO may be diluted 1 part cleaner with 3 to 20 parts water, depending on soil load. Use at 65° to 80°C for 5 to 15 minutes. Ideal for ultrasonic tanks.

Control Procedure for BONDERITE C-AK 5948DPM EU AERO

Apparatus
- 100 ml graduated cylinder
- pH meter
- Buret
- 250 ml beaker
- Magnetic stirrer

Reagents
- 1.0 N sulphuric acid

- Take a sample from the bath, and measure 100ml
- Add sample to the beaker, and titrate to pH 8 with 1,0 N H2SO4
- Record the amount of mls, and calculate the concentration

Calculation
- V x 2.06 = % BONDERITE C-AK 5948DPM EU AERO

Storage

Temperature, °C	0 to 40
Shelf-life (in unopened original packaging), months	24

Classification

Please refer to the corresponding **Material Safety Data Sheets** for details on:
Hazardous Information
Transport Regulations
Safety Regulations

Saphonyx

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

saphonyx