



# LOCTITE<sup>®</sup> 7840™

June 2005

## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> 7840™ provides the following product characteristics:

|                         |   |
|-------------------------|---|
| <b>Technology</b>       | Solvent-Based   |
| <b>Chemical Type</b>    | Water, proprietary solvents, surfactants and conditioners |
| <b>Appearance</b>       | Blue liquid   |
| <b>Cure</b>             | Not applicable  |
| <b>Application</b>      | Surface preparation                                       |
| <b>Specific Benefit</b> | Non-flammable, Non-caustic                                |

LOCTITE<sup>®</sup> 7840™ is a concentrated, biodegradable cleaner/degreaser that contains no hazardous solvents and dilutes with water to meet a wide range of industrial cleaning applications. Typical applications for this product include engines, motors, castings, valves, bearings, tanks, machinery, exterior siding, windows, carpets, concrete floors, asphalt, vehicles, etc. Substances it can remove include grease, lubricants, cutting oils, fuel oils, tar, road salt, light carbon, food stains, wax, animal fat, mildew, & soot. This product has a pine odor but is also available fragrance-free.

## TYPICAL PROPERTIES

Specific Gravity @ 25 °C 1.02  
Flash Point - See MSDS

## GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).**

## Directions for use

1. Dilute LOCTITE<sup>®</sup> 7840™ with warm or cold water.
2. Soak or spray parts with LOCTITE<sup>®</sup> 7840™ and wipe or rinse clean.
3. Dilution levels will vary depending upon the type and amount of substance being removed and the type of surface being cleaned. It is best to begin with a high concentration of LOCTITE<sup>®</sup> 7840™ and progress to weaker solutions until the most economical level of effective cleaning is obtained.
4. LOCTITE<sup>®</sup> 7840™ may attack painted surfaces in concentrations with less than 20 parts water.
5. **NOTE:** Optimum performance occurs with stronger concentrations, dilution with warm water, agitation or scrubbing and extended surface contact.
6. **CAUTION:** Cleaner residues may inhibit the cure of anaerobic products.

## Recommended Dilution Levels

**Application** **LOCTITE<sup>®</sup> 7840™ to water**  
Heavy cleaning and degreasing: 1:1 to 1:4  
Dip tanks, washers

Medium cleaning and degreasing: 1:16 to 1:32  
Fleet maintenance siding, concrete floors, pressure sprayers, floor scrubbers, steam cleaners

Light cleaning: 1:64 to 1:128  
Work areas, windows, walls, wood-work, furniture, carpets, counter tops

## Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

## Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

**Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.** Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

## Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$   
 $\text{kV/mm} \times 25.4 = \text{V/mil}$   
 $\text{mm} / 25.4 = \text{inches}$   
 $\text{N} \times 0.225 = \text{lb}$   
 $\text{N/mm} \times 5.71 = \text{lb/in}$   
 $\text{N/mm}^2 \times 145 = \text{psi}$   
 $\text{MPa} \times 145 = \text{psi}$   
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$   
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$   
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$   
 $\text{mPa}\cdot\text{s} = \text{cP}$

**Note**

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.

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Reference 1.0