



Research, Development & Engineering

Tallaght Business Park,
Dublin, Ireland

Product Description Sheet Product 8018

June 2002

PRODUCT DESCRIPTION

Loctite Product 8018 is a transparent super penetrating oil in an aerosol can, based on a blend of petroleum oils and additives. The product quickly flows between rusted and corroded parts to break the bond of oxidised metal. Due to its exceptional penetrating properties it is also suitable for loosening tar, grease, dirt and carbon deposits. The product leaves a thin film that lubricates and prevents rust.

PRODUCT BENEFITS

- ? Easy application from an aerosol can
- ? Fast, efficient and economical
- ? Low surface tension for immediate penetration
- ? Releases rusted, corroded and frozen components
- ? Freed parts remain lubricated and protected from corrosion
- ? Will not affect painted surfaces
- ? Does not contain chlorinated solvents or CFC's

TYPICAL APPLICATION

Loctite Product 8018 is specifically designed as a super penetrating oil to free rusted or frozen nuts, bolts, screws, fittings and other fasteners as well as metal components in automotive and industrial equipment. It is also recommended for cleaning parts before lubrication and as light lubricant and rust inhibitor.

PROPERTIES OF MATERIAL

Chemical Type:	Blend of refined petroleum oils and additives
Appearance:	Clear, colourless liquid
Odour:	Paraffin Solvents
Specific Gravity, g/ml:	0.785
Viscosity, mPa.s:	<100
Flash Point (CC), °C:	<-20 (Propellant)
Solubility in water:	Insoluble
Solubility in acetone:	Soluble
Propellant:	Propane/Butane

DIRECTIONS FOR USE

Shake aerosol can well before spraying. For best results, spray at room temperature. Spray onto area or component to be treated from a distance of approximately 20-25 cm. Allow the product to penetrate for approx. 5 minutes. Light tapping with a hammer will speed up penetration. Thereafter, separate or disassemble parts in a normal fashion. In extreme cases a second application with a longer soaking time may be required.

For loosening tar, grease, dirt, oil and carbon deposits follow the above instructions. After appropriate soaking time, remove loosened dirt with a cloth or with a plastic or wooden scraper.

NOT FOR PRODUCT SPECIFICATIONS.
THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.
PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
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GENERAL

Storage

Product should be stored away from heat and direct sunlight in a cool and well-ventilated area. Recommended storage temperature between 8°C to 21°C. Keep away from any sources of ignition. Keep out of reach of children.

Handling Precautions

Caution: The aerosol container is under pressure. Do not expose to high temperatures. Do not exceed 50°C. Use in a well-ventilated area. Product is flammable. Avoid any sources of ignition - *do not smoke*. Avoid contact with skin and eyes and do not inhale vapours.

In case of contact with skin, wash with plenty of soap and water. In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes.

For further information refer to the relevant Safety Data Sheet.

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, Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite 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 license under any Loctite Corporation patents which 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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