



TECHNICAL DATA SHEET



Henkel Corporation
 Professional and Consumer Adhesives
 Rocky Hill, CT
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Item #	Package	Size
1381191	Bottle	8 fl. oz. (236 ml)
553472	Bottle	16 fl. oz. (473 ml)

DESCRIPTION:

Loctite® Naval Jelly® Rust Dissolver is the original rust treatment formula that has been used for over 40 years. It removes rust from metal surfaces such as iron, steel and other ferrous metals and will also remove bluing from steel.

RECOMMENDED FOR:

Loctite Naval Jelly is recommended for removing rust from metal surfaces made of iron, steel or other ferrous materials. Use on items such as iron railings, barbeque grills, automobiles, patio furniture, tools, antiques, mailboxes, lawn mowers, bicycles and lamp posts.

LIMITATIONS:

- Do not use on aluminium, chrome, stainless steel, cement, fiberglass, marble, plastics or painted surfaces.
- Naval Jelly will remove paint. If product comes in contact with a painted surface, wipe off immediately.
- Not suitable for long term protection of surfaces
- Not compatible with latex topcoats
- Product is not a rust preventer and must be protected with a clear coating or primed & painted within 24 hours of application

FEATURES & BENEFITS:

Feature	Benefits
Heavy duty formula	Ideal for heavily rusted items
Works in 5 to 10 minutes	Quick completion of project
Water soluble	Easy clean-up with water
Can be sprayed or brushed	Use for large or small areas

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Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Pink	<u>Application Temperature:</u>	Apply between 50°F (10°C) and 90°F (32°C)
<u>Appearance:</u>	Liquid gel	<u>Odor:</u>	Lime (use in a well-ventilated area)
<u>Base:</u>	Phosphoric acid	<u>Working Time:</u>	5 to 10 minutes
<u>Specific Gravity:</u>	1.191	<u>Max. Working Time:</u>	15 minutes
<u>Viscosity:</u>	2.5 Mcps	<u>Clean Up:</u>	Rinse product off with water
<u>pH:</u>	1.5-2.5	<u>Caution:</u>	Wipe off painted surfaces immediately. Will remove paint
<u>VOC Content:</u>	2.4% by weight CARB 28.6 g/l calculated SCAQMD rule 1168		

<u>Shelf Life:</u>	5 years from date of manufacture (unopened)
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<u>Lot Code Explanation:</u>	For example:	A – January	G – July
	LB 4 JAA2648	B – February	H – August
	4 = Last digit in year of manufacture	C – March	J – September (there is no I)
	4 = 2014 (i.e. 1=2011, 2=2012, etc.)	D – April	K – October
	J= Month produced (see chart to the right)	E – May	L – November
	J=September	F – June	M – December
	Thus, product is from September 2014		

DIRECTIONS:

Tools Typically Required:

Brush, clean rags, gloves

Safety Precautions:

Well-ventilated area, wear rubber or plastic gloves (Nitrile gloves recommended), safety glasses.

Preparation:

Remove loose rust and dirt by scraping. Clean surfaces of any grease or oil.

Application Instructions:

Apply between 50°F (10°C) and 90°F (32°C). Brush on liberally, working into pitted areas. Leave on 5 to 10 minutes. **Caution:** Wipe off painted surfaces immediately, Naval Jelly® Rust Dissolver will remove paint. The rust dissolver should not remain on a surface for more than 15 minutes. Rinse off with fresh water. Repeat if any rust remains. Leave on longer for heavily rusted areas. Protect bare metal surfaces with a protective coating or prime & paint within 24 hours (do not use latex topcoats).

Note: If product is left on too long and hardens, apply more Naval Jelly® Rust Dissolver to remove and rinse with fresh water.

Caution: Product should be completely removed when cleaning up. This product is NOT a rust preventer. Materials need to be protected with a clear coating or primed within 24 hours of rust removal to prevent rust from reoccurring.

Clean-up:

Rinse with water.

STORAGE AND DISPOSAL

Not damaged by freezing. Store above freezing. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

CAUTION: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED. Contains phosphoric acid. Avoid contact with skin and eyes. Do not swallow. Use in well-ventilated area. Avoid breathing mists or vapors

FIRST AID: For eye contact, immediately flush with water for at least 15 minutes; call a physician. For skin contact, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Give large quantities of water to drink, call physician. If overcome by vapors, move to fresh air.

KEEP OUT OF REACH OF CHILDREN



WARNING: Cancer – www.P65Warnings.ca.gov.

Refer to the Safety Data Sheet (SDS) for further information



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DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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For Technical Assistance call: 1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET
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Loctite Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

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