Revision Number: 004.1

Issue date: 07/18/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite(R) Pro Strength Parts Cleaner
Product type: Cleaner

IDH number: 234941
Item number: 30548
Region: United States

Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Contact information:
Telephone: 860.571.5100
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Aerosol
Color: Colorless
Odor: Solvent

HEALTH: *2
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See MSDS Section 8

DANGER: CONTENTS UNDER PRESSURE.
HARMFUL IF INHALED.
HARMFUL OR FATAL IF SWALLOWED.
CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
POSSIBLE CANCER HAZARD.

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects

Inhalation: Harmful by inhalation. The solvent vapors can be harmful and cause headache, nausea, and intoxication. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Irritates the nose, throat and respiratory system.

Skin contact: Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

Eye contact: Severe eye irritation.

Ingestion: Toxic if swallowed.

Existing conditions aggravated by exposure: Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Tetrachloroethylene	127-18-4	60 - 100
Xylenes	1330-20-7	10 - 30
Ethylbenzene	100-41-4	1 - 5
Carbon dioxide	124-38-9	1 - 5

4. FIRST AID MEASURES

Inhalation:	Move to fresh air in case of accidental inhalation of vapours. Administer oxygen or artificial respiration as needed. Get medical attention.
Skin contact:	Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion:	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flash point:	This product exhibits no flashback when tested for flame extension.But liquid contents will burn if exposed to an ignition source.
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Extinguishing media:	Alcohol-resistant foam. Use dry chemical, water spray or carbon dioxide.
Special firefighting procedures:	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Hazardous combustion products:	Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Not available
Clean-up methods:	Not available

7. HANDLING AND STORAGE

Handling:	Use only in area provided with appropriate exhaust ventilation. Avoid all ignition sources in storing and handling this material. Keep cool in accordance with label instructions. Wear protective equipment when handling. Keep away from heat, spark and flame. Do not get in eyes. Do not get on skin or clothing. Do not wear contact lenses.
Storage:	Not available

Shelf Life Statement: Not available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Tetrachloroethylene	25 ppm TWA 100 ppm STEL	100 ppm TWA 200 ppm Ceiling 300 ppm MAX. CONC 5 minutes in any 3 hours	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) TWA	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m3) TWA	None	None
Carbon dioxide	5,000 ppm TWA 30,000 ppm STEL	5,000 ppm (9,000 mg/m3) TWA	None	None

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Respiratory protection: A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Eye/face protection: Safety goggles or safety glasses with side shields. Safety showers and eye wash stations should be available.

Skin protection: Suitable protective clothing Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Aerosol
Color: Colorless
Odor: Solvent
Odor threshold: Not available
pH: Not available
Vapor pressure: Not available
Boiling point/range: Not available
Melting point/ range: Not available
Specific gravity: 1.3
Vapor density: Not available
Flash point: This product exhibits no flashback when tested for flame extension.But liquid contents will burn if exposed to an ignition source.
Flammable/Explosive limits - lower: Not available
Flammable/Explosive limits - upper: Not available
Autoignition temperature: Not available
Evaporation rate: Not available
Solubility in water: Not available
Partition coefficient (n-octanol/water): Not available
VOC content: 31.8 %; 414 g/l

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: Oxides of carbon.

Incompatible materials: Oxidizing agents. Strong acids and strong bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Tetrachloroethylene	Anticipated carcinogen.	Group 2A	No
Xylenes	No	No	No
Ethylbenzene	No	Group 2B	No
Carbon dioxide	No	No	No

Hazardous components	Health Effects/Target Organs
Tetrachloroethylene	Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity
Xylenes	Cardiac, Central nervous system, Irritant, Kidney, Liver
Ethylbenzene	Irritant, Central nervous system
Carbon dioxide	Central nervous system

12. ECOLOGICAL INFORMATION

Ecological information: No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with local and national regulations.

Hazardous waste number: A TCLP waste per 40 CFR 261.64: tetrachloroethylene. D001: Ignitable. F002 D039.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Aerosols (Tetrachloroethylene)
Hazard class or division: 2.2 (6.1)
Identification number: UN 1950
Packing group: None
Marine pollutant: Tetrachloroethylene
DOT Reportable quantity: Tetrachloroethylene, Xylene (mixed)

International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III
Hazard class or division: 2.2 (6.1)
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS (Tetrachloroethylene)
Hazard class or division: 2.2 (6.1)
Identification number: UN 1950
Packing group: None
Marine pollutant: Tetrachloroethylene

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12(b) Export Notification:	Xylenes (CAS# 1330-20-7).
CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	Not available
CERCLA/SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Tetrachloroethylene (CAS# 127-18-4). Xylenes (CAS# 1330-20-7). Ethylbenzene (CAS# 100-41-4).
California Proposition 65:	This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class:	A, D.1.B, D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Lou Fabrizio, Regulatory Affairs Specialist

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.