

**Revision Date:** 05/30/2007

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b> Color Guard® Thinner Tough Rubber Coating	<b>Item No. :</b> 34995 / IDH No. 338139
<b>Product type:</b> Solvent	<b>Region:</b> United States
<b>Company address:</b> Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	<b>Contact Information:</b> Telephone: 860.571.5100 Emergency telephone: 860.571.5100 Internet: www.loctite.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Xylene 1330-20-7	30-60	100 ppm TWA 150 ppm STEL	100 ppm TWA 435 mg/m <sup>3</sup> TWA	None
Acetone 67-64-1	30-60	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m <sup>3</sup> TWA	None
Light aliphatic solvent naphtha 64742-89-8	10-30	None	None	None
Ethyl benzene 100-41-4	5-10	100 ppm TWA 125 ppm STEL	100 ppm TWA 435 mg/m <sup>3</sup> TWA	None

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**Physical state:** Liquid  
**Color:** Clear  
**Odor:** Solvent

#### HMIS:

**HEALTH:** 2\*  
**FLAMMABILITY:** 3  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**DANGER:** EXTREMELY FLAMMABLE LIQUID AND VAPOR  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
HARMFUL IF INHALED.

**Relevant routes of exposure:** Eye contact, Skin contact, Inhalation

### Potential Health Effects

**Inhalation:** Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged exposure to solvents may cause adverse effects to the liver, urinary, and reproductive systems.

**Skin contact:** Contact may dry the skin; prolonged contact may cause moderate irritation.

**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.

**Ingestion:** Not expected under normal conditions of use. Harmful if swallowed.

**Existing conditions aggravated by exposure:** Heart disease. Liver disease. Kidney disease. Lung disorders. Skin disorders.

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Remove contaminated clothing and shoes. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse. Get medical attention if symptoms develop and persist.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop and persist.
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	-20°C (-4°F) Tagliabue closed cup
<b>Autoignition temperature:</b>	Not applicable
<b>Flammable/Explosive limits-lower %:</b>	0.9
<b>Flammable/Explosive limits-upper %:</b>	12.8
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	Do not store or use near heat, spark, open flame or other sources of ignition.
<b>Hazardous combustion products:</b>	Oxides of carbon.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Prevent product from entering drains. Store in a closed container until ready for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes. Do not breathe mist or vapors. Keep away from heat, spark and flame.
<b>Storage:</b>	For safe storage, store at or below 48°C (120°F). Keep in a cool, well ventilated area. Keep away from heat, sparks and flame.
<b>Incompatible products:</b>	Strong acids or bases. Oxidizing agents. Water, amines, strong bases, and alcohols. Alkalis. Halogens.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Skin protection:</b>	Chemical resistant, impermeable gloves.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Clear
Odor:	Solvent
Vapor pressure:	186 mmHg at 20 °C (68 °F)
pH:	Not applicable
Boiling point/range:	56.1-141.1°C (133-286°F)
Melting point/range:	Not available
Specific gravity:	0.82
Vapor density:	Heavier than air Greater than 1
Evaporation rate:	Greater than butyl acetate. (Butyl acetate = 1)
Solubility in water:	Insoluble.
Partition coefficient (n-octanol/water):	Not available
VOC content:	70%

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon.
Incompatibility:	Strong acids and strong bases. Oxidizing agents. Amines. Alkali metals. Halogenated compounds.
Conditions to avoid:	Storage with incompatible materials. Heat, flames, sparks and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Xylene 1330-20-7	No	No	No
Acetone 67-64-1	No	No	No
Light aliphatic solvent naphtha 64742-89-8	No	No	No
Ethyl benzene 100-41-4	No	Group 2B	Yes

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Xylene 1330-20-7	Cardiac, Central nervous system, Irritant, Kidney, Liver
Acetone 67-64-1	Blood, Central nervous system, Irritant, Reproductive
Light aliphatic solvent naphtha 64742-89-8	Irritant
Ethyl benzene 100-41-4	Central nervous system, Irritant

## 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, groundwater, 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.
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## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of in accordance with Federal, State and local regulations.

**EPA hazardous waste number:** D001: Ignitable.

## 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

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

**Proper shipping name:** Paint Related Materials  
**Hazard class or division:** 3  
**Identification number:** UN 1263  
**Packing group:** II  
**Exceptions:** (Not more than 5 L) Consumer Commodity ORM-D  
**Marine pollutant:** None

### International Air Transportation (ICAO/IATA):

**Proper shipping name:** Paint Related Materials  
**Hazard class or division:** 3  
**Identification number:** UN1263  
**Packing group:** II  
**Exceptions:** (Not more than 500 ml) May Qualify as Consumer Commodity ID8000

### Water Transportation (IMO/IMDG):

**Proper shipping name:** Paint Related Materials  
**Hazard class or division:** 3  
**Identification number:** UN1263  
**Packing group:** II  
**Marine pollutant:** None

## 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:** None.

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard, Fire  
**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). Ethyl benzene (CAS# 100-41-4). Xylene (CAS# 1330-20-7).

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### Canada Regulatory Information

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

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** This material safety data sheet contains changes from the previous version in section(s): 3,14,15

**Prepared by:** Lou Fabrizio, Senior Health & Regulatory Affairs Specialist

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