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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Color Guard® Tough Rubber Coating Red
Product type: Coating
Company address: Henkel Loctite Corporation
Item number: 34896
Region: United States
Contact Information: Telephone: 860.571.5100

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: Hazardous components, %, ACGIH TLV, OSHA PEL, OTHER. Lists ingredients like Propane, Xylene, Butane, Naphtha, n-Hexane, Ethyl benzene, Isobutyl acetate, Methyl N-amyl ketone, and Acetone with their respective exposure limits.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
HMIS:
Physical state: Liquid Aerosol
Color: Red
Odor: Solvent
HEALTH: 2
FLAMMABILITY: 3
PHYSICAL HAZARD: Not available
Personal Protection: See Section 8
DANGER: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. MAY BE HARMFUL IF INHALED.

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

**Potential Health Effects**

**Inhalation:** May cause respiratory tract irritation. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. May be harmful if inhaled.  
**Skin contact:** May cause skin irritation. Prolonged contact with skin may cause dermatitis.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** May cause an aspiration hazard if swallowed.

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

**See Section 11 for additional toxicological information.**

**4. FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. If symptoms develop and persist, get medical attention.  
**Skin contact:** 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.  
**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.  
**Ingestion:** Do not induce vomiting. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop and persist.  
**Notes to physician:** None.

**5. FIRE-FIGHTING MEASURES**

**Flash point:** Not applicable to aerosols. This product exhibits flashback when tested for flame extension.  
**Autoignition temperature:** Not applicable  
**Flammable/Explosive limits-lower %:** 0.9  
**Flammable/Explosive limits-upper %:** 12.8  
**Extinguishing media:** Foam, dry chemical or carbon dioxide.  
**Special fire fighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.  
**Unusual fire or explosion hazards:** Isolate from heat, electrical equipment, sparks, and open flame. Exposure to temperatures above 49°C (120°F) may cause container to burst.  
**Hazardous combustion products:** Oxides of carbon.

**6. ACCIDENTAL RELEASE MEASURES**

**Environmental precautions:** None known  
**Clean-up methods:** Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. 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>	Do not puncture, incinerate, or expose to temperatures above 48.9 °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 Loctite 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

<b>Physical state:</b>	Liquid Aerosol
<b>Color:</b>	Red
<b>Odor:</b>	Solvent
<b>Vapor pressure:</b>	760 mmHg at 20 °C (68 °F)
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Not available
<b>Melting point/range:</b>	Not applicable
<b>Specific gravity:</b>	0.70-0.75
<b>Vapor density:</b>	3.50
<b>Evaporation rate:</b>	7.0
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	86.8%

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	None
<b>Incompatibility:</b>	Strong acids and strong bases. Oxidizing agents. Amines. Alkali metals Halogenated compounds.
<b>Conditions to avoid:</b>	Storage with incompatible materials. Heat, fumes, sparks and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Propane	No	No	No
Xylene	No	No	No
Butane	No	No	No
Naphtha, rubber solvent	No	No	No
n-Hexane	No	No	No
Ethyl benzene	No	Group 2B	No
Isobutyl acetate	No	No	No
Methyl N-amyl ketone	No	No	No
Acetone	No	No	No

**Literature Referenced Target Organ & Other Health Effects**

Hazardous components	Health Effects/Target Organs
Propane	Cardiac, Central nervous system, Irritant
Xylene	Cardiac, Central nervous system, Irritant, Kidney, Liver
Butane	Cardiac, Central nervous system, Irritant
Naphtha, rubber solvent	Cardiac, Irritant, Nervous System
n-Hexane	Developmental, Irritant, Lung, Nervous System, Reproductive
Ethyl benzene	Central nervous system, Irritant
Isobutyl acetate	Central nervous system, Irritant
Methyl N-amyl ketone	Central nervous system, Irritant
Acetone	Blood, Central nervous system, Irritant, Reproductive

**12. ECOLOGICAL INFORMATION**

Ecological information: Not known

**13. DISPOSAL CONSIDERATIONS**

Information provided is for unused product only.

Recommended method of disposal: Incinerate liquid obtained by spray-emptying cans following EPA 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: Aerosols, flammable  
Hazard class or division: 2.1  
Identification number: UN 1950  
Packing group: None  
*Exceptions:* (Not more than 1 L) Consumer Commodity ORM-D  
Marine pollutant: None

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

Proper shipping name: Aerosols, flammable  
Hazard class or division: 2.1  
Identification number: UN 1950  
Packing group: None  
*Exceptions:* (Not more than 500 ml) Consumer Commodity ID8000

**Water Transportation (IMO/IMDG):**

Proper shipping name: Aerosols, flammable  
Hazard class or division: 2.1  
Identification number: UN 1950  
Packing group: None  
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 5 (a) (2) SNUR:** None.  
**TSCA 12 (b) Export Notification:** Acetone (CAS# 67-64-1).

**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Fire, Sudden Release  
**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). n-Hexane (CAS# 110-54-3). Xylene (CAS# 1330-20-7).

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** A, B.5, 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:** Rajal Dhruva, Health and Regulatory Affairs Specialist

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