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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

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling: | Avoid contact with skin and eyes. Do not breathe mist or vapors. Keep away from heat, spark and flame. |
| Storage: | 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. |
| Incompatible products: | 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

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

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

| | |
|------------------------------------------|-----------------------------------------------------------------------------------------------|
| Stability: | Stable. |
| Hazardous polymerization: | Will not occur. |
| Hazardous decomposition products: | None |
| Incompatibility: | Strong acids and strong bases. Oxidizing agents. Amines. Alkali metals Halogenated compounds. |
| Conditions to avoid: | 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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