



Revision Date: 04/06/2004

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: NON CORROS CLEAR RTV 300ML CQ, FEL-PRO
Item number: 51388
Product type: Loctite SHARED FIELD (US/Canada/EU)
Region: United States
Company address: Henkel Corporation, 1001 Trout Brook Crossing, Rocky Hill, Connecticut 06067
Contact Information: Telephone: 860.571.5100, Emergency telephone: 860.571.5100, Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: Hazardous components, %, ACGIH TLV, OSHA PEL, OTHER. Rows include Filler, Methyl oximinosilane, Aminoethylaminopropyl trimethoxysilane, and Methanol.

Non hazardous components: Silicone Resins 50-100 %

Exposure to moisture during cure will release ammonia. Exposure to moisture during cure will release 1-2% methyl alcohol.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
HMIS:
Physical state: Paste
Color: Translucent
Odor: Slight, Alcoholic
HEALTH: 2
FLAMMABILITY: 0
PHYSICAL HAZARD: 0
Personal Protection: See Section 8
WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION MAY BE HARMFUL IF SWALLOWED OR INHALED.

Relevant routes of exposure: Skin, inhalation, eyes

Potential Health Effects

Inhalation: Mild respiratory tract irritation. When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors.

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Skin contact: Brief contact with the uncured adhesive may irritate the skin or cause a rash. Uncured product will irritate lips, gums and tongue.
Eye contact: Uncured product irritates the eyes.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Other preexisting skin conditions. Other respiratory disorders (bronchitis, emphysema, bronchial hyperreactivity).

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Wipe off paste with paper towel or cloth. Wash with soap and water. Get medical attention if symptoms develop and persist.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting. If conscious, drink plenty of water. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: Does not flash

Autoignition temperature: Not applicable

Flammable/Explosive limits-lower %: Not applicable

Flammable/Explosive limits-upper %: Not applicable

Extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon, oxides of nitrogen, irritating organic vapors. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not allow material to contaminate ground water system.

Clean-up methods: Scrape up as much material as possible. Clean residue with soap and water. Wear suitable protective clothing, gloves and eye/face protection. Spilled material will solidify. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only in area provided with appropriate exhaust ventilation. Do not wear contact lenses. Keep out of the reach of children.
- Storage:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
- Incompatible products:** Keep away from strong oxidizing agents, strong Lewis or mineral acids. Avoid contact with water.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering controls:** Ensure adequate ventilation, especially in confined areas.
- Respiratory protection:** When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed. Use a NIOSH approved supplied air respirator if the potential to exceed established exposure limits exists.
- Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact.
- Eye/face protection:** Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Paste
- Color:** Translucent
- Odor:** Slight, Alcoholic
- Vapor pressure:** Not available
- pH:** Not applicable
- Boiling point/range:** Greater than 149°C (300°F)
- Melting point/range:** Not applicable
- Specific gravity:** 1.0399
- Vapor density:** Not available
- Evaporation rate:** Not applicable
- Solubility in water:** Insoluble Polymerizes in presence of water
- Partition coefficient (n-octanol/water):** Not available
- VOC content:** <20%; <270 grams/liter

10. STABILITY AND REACTIVITY

- Stability:** Stable.
- Hazardous polymerization:** Will not occur.
- Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen. Formaldehyde. Ammonia Methanol is liberated slowly upon exposure to moisture
- Incompatibility:** Polymerizes on contact with water
- Conditions to avoid:** Contamination with water.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

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Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Filler	No	No	No
Proprietary			
Methyl oximinasilane	No	No	No
Aminoethylaminopropyl trimethoxysilane	No	No	No
Methanol	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Filler	Nuisance dust
Proprietary	
Methyl oximinasilane	Allergen, Irritant
Aminoethylaminopropyl trimethoxysilane	Irritant, Allergen
Methanol	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive

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.

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: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

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

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

WaterTransportation (IMO/IMDG):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None
Marine pollutant: None known

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: Not available

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard
CERCLA/SARA 313: None.

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: 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.

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