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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Maxi-Coat Heavy Duty Rustproofing  
**Product type:** Coating  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No. :** 51211  
**Region:** United States  
**Contact Information:**  
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>
Stoddard solvent 8052-41-3	10-30	100 ppm TWA	2900 mg/m <sup>3</sup> TWA 500 ppm TWA	None
Propane 74-98-6	10-30	1000 ppm TWA	1000 ppm TWA 1800 mg/m <sup>3</sup> TWA	None
Residual oils, petroleum, solvent deasphalted 64741-95-3	10-30	None	None	None
n-Heptane 142-82-5	10-30	400 ppm TWA 500 ppm STEL	2000 mg/m <sup>3</sup> TWA 500 ppm TWA	None
n-Hexane 110-54-3	10-30	50 ppm TWA 500 ppm TWA other than n-Hexane 1000 ppm STEL other than n-Hexane (skin)	1800 mg/m <sup>3</sup> TWA 500 ppm TWA	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### HMIS:

**Physical state:** Liquid Aerosol  
**Color:** Brown  
**Odor:** Solvent

**HEALTH:** 1  
**FLAMMABILITY:** 4  
**PHYSICAL HAZARD:** Not available  
**Personal Protection:** See Section 8

**DANGER:** EXTREMELY FLAMMABLE.  
CONTENTS UNDER PRESSURE.  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

#### Potential Health Effects

**Inhalation:** Moderate respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.  
**Skin contact:** Contact may dry the skin; prolonged contact may cause moderate irritation. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.  
**Eye contact:** Liquid or vapor can cause moderate to severe irritation.  
**Ingestion:** Not a relevant route of exposure.

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**Existing conditions aggravated by exposure:** None known

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). If skin irritation persists, call a physician.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop and persist.

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** Not applicable to aerosols. This product exhibits flashback when tested for flame extension.

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** 0.7 %

**Flammable/Explosive limits-upper %:** 9.5 %

**Extinguishing media:** Foam. Carbon dioxide. Dry chemical. Water fog.

**Special fire fighting procedures:** Water spray may be ineffective. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

**Hazardous combustion products:** Oxides of carbon. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** None known

**Clean-up methods:** Ventilate area. Soak up with inert absorbent. Store in a closed container until ready for disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.

**Storage:** Keep in a cool, well ventilated area. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Keep away from heat, sparks and flame.

**Incompatible products:** Oxidizing agents.

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

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
<b>Respiratory protection:</b>	If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH.
<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>	Brown
<b>Odor:</b>	Solvent
<b>Vapor pressure:</b>	Not available
<b>pH:</b>	Not available
<b>Boiling point/range:</b>	-42.2-154.4°C (-44-310°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	0.73
<b>Vapor density:</b>	Greater than 1
<b>Evaporation rate:</b>	Less than 1
<b>Solubility in water:</b>	Nil
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	69.6%

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.
<b>Incompatibility:</b>	Oxidizing agents.
<b>Conditions to avoid:</b>	Heat, flames and sparks. Do not expose to temperatures above 48.9°C (120°F).

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

<b>Hazardous components</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>
Stoddard solvent 8052-41-3	No	No	No
Propane 74-98-6	No	No	No
Residual oils, petroleum, solvent deasphalted 64741-95-3	No	Group 1	Yes
n-Heptane 142-82-5	No	No	No
n-Hexane 110-54-3	No	No	No

### Literature Referenced Target Organ & Other Health Effects

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Hazardous components	Health Effects/Target Organs
Stoddard solvent 8052-41-3	Central nervous system, Irritant
Propane 74-98-6	Cardiac, Central nervous system, Irritant
Residual oils, petroleum, solvent deasphalted 64741-95-3	Irritant
n-Heptane 142-82-5	Central nervous system, Irritant
n-Hexane 110-54-3	Developmental, Irritant, Lung, Nervous System, Reproductive

## 12. ECOLOGICAL INFORMATION

Ecological information: Not applicable

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental 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:** UN1950  
**Packing group:** None  
**Exceptions:** (Not more than 500 ml) May Qualify as Consumer Commodity ID8000

### Water Transportation (IMO/IMDG):

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN1950  
**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 12 (b) Export Notification:** n-Heptane (142-82-5).

**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed 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). n-Hexane (CAS# 110-54-3).

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

### 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:** 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: 2, 11

**Prepared by:** Anna Orlovsky, Product Safety and Regulatory Affairs Specialist

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