Material Safety Data Sheet

Revision Date: 12/11/2007 **Issue date:** 12/11/2007

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. : 51213 / IDH No. 209752
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Stoddard solvent 8052-41-3	30-60	100 ppm TWA	2900 mg/m³ TWA 500 ppm TWA	None
Metalworking fluid additive PROPRIETARY	30-60	None	None	None
Residual oils, petroleum, solvent deasphalted 64741-95-3	10-30	None	None	None
Olefin polymer PROPRIETARY	5-10	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Dark brown
Odor: Mild petroleum

HEALTH: 1
FLAMMABILITY: 2
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
HARMFUL OR FATAL IF SWALLOWED.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

Potential Health Effects

Inhalation: The solvent vapors can be harmful and cause headache, nausea, and intoxication. Prolonged inhalation of large concentrations can be irritating to lungs, and mucous membranes of nose and throat. Central nervous system effects.

Skin contact: Mild skin irritation. Repeated or prolonged contact can result in drying of skin.

Eye contact: Mild eye irritation. May cause transient (temporary) corneal injury.

Ingestion: Stoddard solvent may cause aspiration hazard if swallowed. Aspirated material can enter lungs and cause damage. Ingestion may cause stomach ache and vomiting.

Existing conditions aggravated by exposure: None known

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If discomfort persists seek medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. 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: Remove victim from source of exposure. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash point: Greater than 48.9ºC (120ºF) Cleveland open cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: 0.7 %

Flammable/Explosive limits-upper %: 5 %

Extinguishing media: Dry chemical. Foam. Sand. Carbon dioxide.

Special fire fighting procedures: Use water spray to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures. Caution should be exercised when using water or foam as frothing may occur. Prevent inhalation of fumes and gases.

Unusual fire or explosion hazards: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Hazardous combustion products: Oxides of carbon. Oxides of hydrocarbons. Acrid smoke and fumes.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not flush into surface water or sanitary sewer system. Advise authorities if product has entered or may enter sewers, water sources or extensive land areas. Assure conformity with applicable government regulations.

Clean-up methods: Remove all ignition sources. Ventilate area. Contain the spill in a closed container until disposal. Rinse spill area with water.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Do not reuse container. Mineral may accumulate static charges which may cause an electrical spark.

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: None.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limts.

Respiratory protection: No specific recommendations made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

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
Color: Dark brown
Odor: Mild petroleum
Vapor pressure: Greater than 2 mm Hg
pH: Not applicable
Boiling point/range: Not available
Melting point/range: -17.8°C (0°F)
Specific gravity: 0.89
Vapor density: Heavier than air
Evaporation rate: Less than 1
Solubility in water: Insoluble.
Partition coefficient (n-octanol/water): Not available
VOC content: Not available

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: None

Incompatability: None

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: No experimental toxicological data on the preparation as such is available.

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Stoddard solvent 8052-41-3	No	No	No
Metalworking fluid additive PROPRIETARY	No	No	No
Residual oils, petroleum, solvent deasphalted 64741-95-3	No	Group 1	Yes
Olefin polymer PROPRIETARY	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Stoddard solvent 8052-41-3	Central nervous system, Irritant
Metalworking fluid additive PROPRIETARY	No data
Residual oils, petroleum, solvent deasphalted 64741-95-3	Irritant
Olefin polymer PROPRIETARY	No data

12. ECOLOGICAL INFORMATION

Ecological information: Not available

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:	PAINT
Hazard class or division:	3
Identification number:	UN 1263
Packing group:	III
Exceptions:	Unrestricted (Not more than 450 Liters)
Marine pollutant:	None

International Air Transportation (ICAO/IATA):

Proper shipping name:	Paint
Hazard class or division:	3
Identification number:	UN 1263
Packing group:	III
Exceptions:	(Not more than 500 ml) May Qualify as Consumer Commodity ID8000

WaterTransportation (IMO/IMDG):

Proper shipping name:	Paint
Hazard class or division:	3
Identification number:	UN 1263
Packing group:	III
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.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard, Fire
CERCLA/SARA 313: None.

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: B.3, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 14

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