



Revision Number: 004.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Maxi-Coat Heavy Duty Rustproofing
Product type: Coating
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067
IDH number: 209752
Item number: 51213
Region: United States
Contact information:
 Telephone: 860.571.5100
 Emergency telephone: 860.571.5100
 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	Liquid	HEALTH:	1
Color:	dark brown	FLAMMABILITY:	2
Odor:	Mild, Petroleum	PHYSICAL HAZARD:	0
		Personal Protection:	See MSDS Section 8

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

Relevant routes of exposure: Skin, Inhalation, Eyes, 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 eye irritation.
Ingestion: Stoddard solvent may cause aspiration hazard if swallowed. Aspirated material can enter lungs and cause damage. Aspirated material can enter lungs and cause damage. Ingestion may cause stomach ache and vomiting.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Stoddard solvent	8052-41-3	30 - 60
Residual oils, petroleum, solvent deasphalted	64741-95-3	10 - 30

4. FIRST AID MEASURES

Inhalation: Move 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). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention.

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.

5. FIRE FIGHTING MEASURES

Flash point: > 49 °C (> 120.2 °F) Cleveland closed cup

Autoignition temperature: Not available

Flammable/Explosive limits - lower: 0.7 %

Flammable/Explosive limits - upper: 5 %

Extinguishing media: Foam, dry chemical or carbon dioxide. Sand.

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

Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray. Water or foam may cause frothing. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Hazardous combustion products: Not available

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Ventilate area. Sweep up spilled material and place in a closed container for disposal. Avoid creating dust. Flush contaminated area with water.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. 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.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Stoddard solvent	100 ppm TWA	500 ppm (2,900 mg/m ³) TWA	None	None
Residual oils, petroleum, solvent deasphalted	None	None	None	None

Engineering controls: Use local exhaust ventilation if the potential for airborne exposure exists.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: dark brown
Odor: Mild, Petroleum
Odor threshold: Not available
pH: Not available
Vapor pressure: > 2 mm hg
Boiling point/range: Not available
Melting point/ range: -17.8 °C (0°F)
Specific gravity: 0.89
Vapor density: Heavier than air.
Flash point: > 49 °C (> 120.2 °F) Cleveland closed cup
Flammable/Explosive limits - lower: 0.7 %
Flammable/Explosive limits - upper: 5 %
Autoignition temperature: Not available
Evaporation rate: < 1
Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available
VOC content: Not available

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: None

Incompatible materials: None

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

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Stoddard solvent	No	No	No
Residual oils, petroleum, solvent deasphalted	No	No	No

Hazardous components	Health Effects/Target Organs
Stoddard solvent	Irritant, Central nervous system
Residual oils, petroleum, solvent deasphalted	Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

The shipping classifications in this sections 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: Combustible liquid, n.o.s. (Stoddard Solvent)
Hazard class or division: Combustible Liquid
Identification number: NA 1993
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Paint
Hazard class or division: 3
Identification number: UN 1263
Packing group: III

Water Transportation (IMO/MDG)

Proper shipping name: PAINT
Hazard class or division: 3
Identification number: UN 1263
Packing group: III

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 above reporting de minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Immediate Health, Fire
CERCLA/SARA 313: None above reporting de minimus
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 Canadian 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: New Material Safety Data Sheet format.

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