

Material Safety Data Sheet



Revision Number: 002.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Water Proofing Solution
Product type: Coating

IDH number: 135538
Item number: 74126
Region: United States

Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Contact information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Black
Odor: Sweet

HMIS:

HEALTH: *2
FLAMMABILITY: 3
PHYSICAL HAZARD: 0
Personal Protection: See MSDS Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.
HARMFUL IF SWALLOWED OR INHALED.
CAUSES EYE AND SKIN IRRITATION.

Relevant routes of exposure: Ingestion, Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause central nervous system effects with nausea, dizziness and headache.
Skin contact: May be harmful if absorbed through skin. Moderate skin irritation.
Eye contact: Contact with eyes will cause irritation.
Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. Aspirated material can enter the lungs and result in pneumonitis. May cause an aspiration hazard if swallowed. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

Existing conditions aggravated by exposure: Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible. 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	%
Toluene	108-88-3	30 - 60
Methyl ethyl ketone	78-93-3	10 - 30
Polychloroprene synthetic rubber	Unknown	5 - 10
Carbon black	1333-86-4	5 - 10
Silicic acid (H ₆ Si ₂ O ₇), aluminum salt (1:2)	22708-90-3	5 - 10
Xylenes	1330-20-7	1 - 5

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Get immediate medical attention. If vomiting occurs, prevent aspiration by keeping the patient's head below the knees. Do not induce vomiting.
Notes to physician:	Aspiration may cause pulmonary edema or aspiration pneumonia.

5. FIRE FIGHTING MEASURES

Flash point:	-1 °C (30.2 °F) Tagliabue closed cup
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	1.4 % (Toluene)
Flammable/Explosive limits - upper:	7 % (Toluene)
Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	None Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Hazardous combustion products:	Oxides of carbon. Oxides of aluminum.

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:	Contain spill. Do not allow product to enter sewer or waterways.
Clean-up methods:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling:	Do not breathe gas/fumes/vapor/spray. Do not get on skin or clothing. Do not taste or swallow. Wash thoroughly after handling. Do not get in eyes.
Storage:	For safe storage, store at or below 37 °C (98.6 °F) Store away from heat, sparks, flames, or other sources of ignition.

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
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None
Methyl ethyl ketone	200 ppm TWA 300 ppm STEL	200 ppm (590 mg/m3) TWA	None	None
Polychloroprene synthetic rubber	None	None	None	None
Carbon black	3.5 mg/m3 TWA	3.5 mg/m3 TWA	None	None
Silicic acid (H ₆ Si ₂ O ₇), aluminum salt (1:2)	1 mg/m3 TWA Respirable fraction.	None	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) TWA	None	None

Engineering controls:

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

Eye/face protection:

Goggles. Safety glasses with side-shields.

Skin protection:

Use impermeable gloves and protective clothing as necessary to prevent skin contact. Use of Butyl or Nitrile Rubber gloves are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Black
Odor:	Sweet
Odor threshold:	Not available
pH:	Not available
Vapor pressure:	Not available
Boiling point/range:	190 °F (87.8 °C) Approximately
Melting point/ range:	Not available
Specific gravity:	0.85 at 26.7 °C (80.06 °F)
Vapor density:	Not available
Flash point:	-1 °C (30.2 °F) Tagliabue closed cup
Flammable/Explosive limits - lower:	1.4 % (Toluene)
Flammable/Explosive limits - upper:	7 % (Toluene)
Autoignition temperature:	Not available
Evaporation rate:	7.7 (Ether = 1)
Evaporation rate:	> 7.7 (Ether = 1)
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not available
VOC content:	83.8 %; 712 g/l EPA Method 24

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Hydrogen chloride. Carbonyl chloride.
Incompatible materials:	Strong acids. Strong oxidizing agents.
Conditions to avoid:	Not determined

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Toluene	No	No	No
Methyl ethyl ketone	No	No	No
Polychloroprene synthetic rubber	No	No	No
Carbon black	No	Group 2B	No
Silicic acid (H ₆ Si ₂ O ₇), aluminum salt (1:2)	No	No	No
Xylenes	No	No	No

Hazardous components	Health Effects/Target Organs
Toluene	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant
Methyl ethyl ketone	Irritant, Central nervous system
Polychloroprene synthetic rubber	No Data
Carbon black	Respiratory, Some evidence of carcinogenicity
Silicic acid (H ₆ Si ₂ O ₇), aluminum salt (1:2)	No Records
Xylenes	Cardiac, Central nervous system, Irritant, Kidney, Liver

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

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

Proper shipping name: Flammable liquids, n.o.s. (Toluene, Methyl ethyl ketone)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II
DOT Reportable quantity: Toluene, Xylene (mixed)
Exceptions: (Not more than 1 L), Consumer Commodity, ORM-D

International Air Transportation (ICAO/IATA)

Proper shipping name: Flammable liquid, n.o.s. (Toluene, Methyl ethyl ketone)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II
Exceptions: May Qualify as Consumer Commodity, (Not more than 500 ml), ID8000

Water Transportation (IMO/IMDG)

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Toluene, Methyl ethyl ketone)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II
Exceptions: Limited quantity (Not more than 5 L).

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: Xylenes (CAS# 1330-20-7).

CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Delayed Health, Immediate Health, Fire
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). Toluene (CAS# 108-88-3). Methyl ethyl ketone (CAS# 78-93-3). Xylenes (CAS# 1330-20-7).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

WHMIS hazard class: B.2, 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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