



Revision Number: 003.8

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Teroson ®Terostat™ 8599™	IDH number: 1377643
Product type: 1-Component sealant	Item number: 1377643
	Region: United States
Company address: Henkel Corporation 32100 Stephenson Highway Madison Heights, MI 48071	Contact information: Telephone: 248.583.9300 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: paste	HEALTH: *2
Color: Black	FLAMMABILITY: 1
Odor: odorless	PHYSICAL HAZARD: 0
	Personal Protection: See MSDS Section 8
WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION.	

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation:	This product is irritating to the respiratory system. As a result of previous repeated overexposures or a single large dose, certain individuals will develop isocyanate sensitization (chemical asthma) which will cause them to react to a later exposure to isocyanate at levels well below the TLV. Chronic overexposure to isocyanates has been reported to cause lung damage.
Skin contact:	This product may cause irritation to the skin. May cause skin sensitization.
Eye contact:	This product may cause irritation to the eyes.
Ingestion:	Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

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	%
Ethoxylated propoxylated glycerol-MDI copolymer	Proprietary	30 - 60
Diisononyl phthalate	28553-12-0	10 - 30
Calcium carbonate	471-34-1	10 - 30
Carbon black	1333-86-4	10 - 30
Lactone Polymer	Proprietary	1 - 5
Methylenebis(phenylisocyanate)	101-68-8	1 - 5

4. FIRST AID MEASURES

Inhalation:	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
Skin contact:	Immediately remove soiled or soaked clothing. Immediately wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion:	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
Notes to physician:	Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases or recurrent skin eczema or sensitization should be excluded from working with isocyanates.

5. FIRE FIGHTING MEASURES

Flash point:	> 100 °C (> 212°F)
Autoignition temperature:	Not applicable
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	None identified.
Hazardous combustion products:	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. carbon oxides. Isocyanate vapors.

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:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. Remove all sources of ignition.
Clean-up methods:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing fumes if this product is used at high temperatures. Use only with adequate ventilation. Do not take internally. For industrial use only.
Storage:	For safe storage, store between 15.0 °C (59°F) and 25.0 °C (77°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

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
Ethoxylated propoxylated glycerol-MDI copolymer	None	None	None	None
Diisononyl phthalate	None	None	None	None
Calcium carbonate	10 mg/m ³ TWA Total dust.	5 mg/m ³ TWA Respirable fraction. 15 mg/m ³ TWA Total dust.	None	None
Carbon black	3.5 mg/m ³ TWA 3 mg/m ³ TWA Inhalable fraction.	3.5 mg/m ³ TWA	None	None
Lactone Polymer	None	None	None	None
Methylenebis(phenylisocyanate)	0.005 ppm TWA	0.02 ppm (0.2 mg/m ³) Ceiling	None	None

Engineering controls:	Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
Respiratory protection:	If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.
Eye/face protection:	Wear safety glasses; chemical goggles (if splashing is possible).
Skin protection:	Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Protective clothing that covers arms and legs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	paste
Color:	Black
Odor:	odorless
Odor threshold:	Not available
pH:	Not determined
Vapor pressure:	Not determined
Boiling point/range:	> 100 °C (> 212°F) calculated
Melting point/ range:	Not available
Specific gravity:	1.2800 at 20.00 °C (68°F)
Vapor density:	Not determined
Flash point:	> 100 °C (> 212°F)
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Autoignition temperature:	Not applicable
Evaporation rate:	Not determined
Solubility in water:	Not available
Partition coefficient (n-octanol/water):	Not available
VOC content:	0 %
Viscosity:	6,500.00 pa.s

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. At higher temperatures toxic gases may be generated. Isocyanates.
Incompatible materials:	Reacts with water. Reacts with alcohols and amines.
Conditions to avoid:	Avoid temperatures above 250°C (482°F). Avoid moisture.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Ethoxylated propoxylated glycerol-MDI copolymer	No	No	No
Diisononyl phthalate	No	No	No
Calcium carbonate	No	No	No
Carbon black	No	Group 2B	No
Lactone Polymer	No	No	No
Methylenebis(phenylisocyanate)	No	No	No

Hazardous components	Health Effects/Target Organs
Ethoxylated propoxylated glycerol-MDI copolymer	No Records
Diisononyl phthalate	Central nervous system, Developmental
Calcium carbonate	Nuisance dust
Carbon black	Respiratory, Some evidence of carcinogenicity
Lactone Polymer	No Records
Methylenebis(phenylisocyanate)	Irritant, Respiratory, Allergen

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.
Hazardous waste number:	Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

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

Water Transportation (IMO/MDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	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 above reporting de minimus
CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	Immediate Health, Delayed Health
CERCLA/SARA 313:	None above reporting de minimus
California Proposition 65:	This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status:	Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.
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: 3

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