

1-800-375-0605 Option 8 for 24/7 Service www.rudolphbros.com rbcsupport@rudbro.com

Safety Data Sheet



Revision Number: 005.0

PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type/use:

Restriction of Use:

Company address:

Henkel Corporation

Rocky Hill, Connecticut 06067

One Henkel Way

TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI adhesive and sealant

1.

None identified

IDH number:

1562042

Item number:1562042Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCY Phone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORT EMERGENCY Phone: CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

WARNING:

EMERGENCY OVERVIEW CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A

Precautionary Statements

Prevention:	Wash affected area thoroughly after handling. Wear protective gloves, eye protection, and face protection.
Response:	F ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
Storage:	Not prescribed
Disposal:	Not prescribed

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*	
Limestone	1317-65-3	30 - 60	
Phthalic acid, di(C9-11)alkylester, branched, C10-rich	68515-49-1	10 - 30	
Titanium dioxide	13463-67-7	1 - 5	
Trimethoxyvinylsilane	2768-02-7	1 - 5	
Quartz (SiO2), <1% respirable	14808-60-7	0.1 - 1	

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

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:	Wipe off with paper towel or cloth. Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.
Ingestion:	Do not induce vomiting. If symptoms develop and persist, get medical attention.
Symptoms:	See Section 11.
5. FI	RE FIGHTING MEASURES
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Cartridge respirators do not provide adequate protection for fire fighters or exotherm mitigation.
Unusual fire or explosion hazards:	In case of fire, keep containers cool with water spray.

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 let product enter drains.
Clean-up methods:	Rinse spill area with water. Spilled material will solidify. Sweep up spilled material and place in a closed container for disposal. Avoid creating dust.

7. HANDLING AND STORAGE

Handling:

Storage:

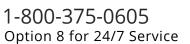
Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation.

Store in a cool, dry, well-ventilated area. Store in original container until ready to use.

IDH number: 1562042



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Page 2 of 6



Product name: TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI

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EXPOSURE CONTROLS / PERSONAL PROTECTION 8.

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.

		5 mg/m3 PEL		
Limestone	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Total dust.	Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction.	None	None
Phthalic acid, di(C9-11)alkylester, branched, C10-rich	None	None	None	None
Titanium dioxide	10 mg/m3 TWA	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Trimethoxyvinylsilane	None	None	None	None
Quartz (SiO2), <1% respirable	0.025 mg/m3 TWA Respirable fraction.	0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA_ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable.	None	None

Respiratory protection:

Eye/face protection:

exposure limits.

Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection:

Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

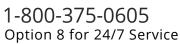
Liquid, Paste

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - lower: Flammable/Explosive limits - upper: Autoignition temperature: IDH number: 1562042

White Slight Not available. Not available. Not available. > 93 °C (> 199.4 °F) Not available. 1.4 Not available. > 93 °C (> 199.4 °F) ; Estimated Not available. Not available. Not available. Product name: TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI Page 3 of 6









Flammability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): VOC content: Viscosity: Decomposition temperature: Not applicable Not available. Insoluble Not available. 1.74 %; 24.5 g/l Not available. Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Oxides of carbon. Oxides of silicon. Oxides of nitrogen. Acrid smoke and fumes. Toxic fumes. Irritating vapors. Methanol is liberated slowly upon exposure to moisture.
Incompatible materials:	Acids. Oxidizing agents. Isocyanates.
Reactivity:	Not available.
Conditions to avoid:	Excessive heat. Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects/Symptoms

Inhalation:	Inhalation of vapors from uncured sealant may cause respiratory tract irritation. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release.
Skin contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects	
Limestone	None	Nuisance dust	
Phthalic acid, di(C9-11)alkylester, branched, C10-rich	None	Irritant	
Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l	Irritant, Respiratory, Some evidence of carcinogenicity	
Trimethoxyvinylsilane	Inhalation LC50 (Rat, 4 h) = 2773 ppm	Irritant, Allergen	
Quartz (SiO2), <1% respirable	None	Immune system, Lung, Some evidence of carcinogenicity	

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limestone	No	No	No
Phthalic acid, di(C9-11)alkylester, branched, C10-rich	No	No	No
Titanium dioxide	No	Group 2B	No
Trimethoxyvinylsilane	No	No	No
Quartz (SiO2), <1% respirable	Known To Be Human Carcinogen.	Group 1	Yes

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

IDH number: 1562042

Product name: TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI Page 4 of 6





1-800-375-0605 Option 8 for 24/7 Service



13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Follow all local, state, federal and provincial regulations for disposal.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

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/IAT	A)
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (Polyamide resin)
Hazard class or division:	9
Identification number:	UN 3082
Packing group:	III
Water Transportation (IMO/IMDG)	
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polyamide resin)
Hazard class or division:	9
Identification number:	UN 3082
Packing group:	
Marine pollutant:	Polyamide resin

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313:	None above reporting de minimis. Immediate Health None above reporting de minimis.
California Proposition 65:	This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 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.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 3, 8, 11, 15

Prepared by: Product Safety and Regulatory Affairs

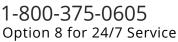
Issue date: 01/13/2022

IDH number: 1562042

Product name: TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI Page 5 of 6









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IDH number: 1562042

Product name: TEROSON MS 5510 WH known as LOCTITE® 5510™ ELASTIC ADHESI Page 6 of 6





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