



Revision Number: 000.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: OSI GreenSeries Flameseal Sealant **IDH number:** 1390035
Product type: Sealant **Region:** United States
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067
Contact information: Telephone: 800.624.7767
 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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	pasty	HMS:	
Color:	Red	HEALTH:	1
Odor:	Mild, aromatic	FLAMMABILITY:	0
		PHYSICAL HAZARD:	0
		Personal Protection:	See MSDS Section 8

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Inhalation, Skin contact, Eyes

Potential Health Effects

Inhalation: May cause irritation to nose and throat.
Skin contact: May cause slight irritation to skin.
Eye contact: May cause slight irritation to eyes on contact.
Ingestion: Not expected to be harmful by ingestion. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Existing conditions aggravated by exposure: None known

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Vinyl Acetate Polymer	Unknown	10 - 30

4. FIRST AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin contact: Wash affected area immediately with soap and water.
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion: Consult a physician if necessary.

5. FIRE FIGHTING MEASURES

Flash point:	not applicable
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Extinguishing media:	All standard firefighting procedures.
Special firefighting procedures:	Do not breathe combustion gases. Wear protective equipment.
Unusual fire or explosion hazards:	None known
Hazardous combustion products:	Carbon dioxide. Carbon monoxide. Hydrocarbons.

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 empty into drains.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal. Wear appropriate protective equipment and clothing during clean-up.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Keep out of the reach of children.
Storage:	For safe storage, store between 4 °C (39.2 °F) and 32 °C (89.6 °F) Keep from freezing. Store in a cool, dry area. Keep containers closed when not in use.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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
Vinyl Acetate Polymer	None	None	None	None

Engineering controls:	Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.
Respiratory protection:	Not normally required. 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. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	pasty
Color:	Red
Odor:	Mild, aromatic
Odor threshold:	Not available
pH:	8.0 - 9.0

Vapor pressure: 18.51880 mm hg
Boiling point/range: > 100 °C (> 212°F)
Melting point/ range: Not available
Specific gravity: 1.40 - 1.50 at 25 °C (77°F)
Vapor density: Heavier than air, (Air = 1)
Flash point: not applicable
Flammable/Explosive limits - lower: Not available
Flammable/Explosive limits - upper: Not available
Autoignition temperature: Not available
Evaporation rate: < 1
Solubility in water: Not available
Partition coefficient (n-octanol/water): Not determined
VOC content: 32.5 g/l (calculated)

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.
Hazardous reactions: Not available
Hazardous decomposition products: Carbon dioxide. Carbon monoxide.
Incompatible materials: Alkalis. Mineral acids.
Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Vinyl Acetate Polymer	No	No	No

Hazardous components	Health Effects/Target Organs
Vinyl Acetate Polymer	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.
Hazardous waste number: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

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/IMDG)

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
CERCLA/SARA 313: None above reporting de minimus
California Proposition 65: No California Proposition 65 listed chemicals are known to be present. 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: Not controlled

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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