

ACTIO MSDS ID: 39265

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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

56541

Product Name: **565 Thread Sealant PST Pipe Sealant with PTFE**
 Chemical Family: Anaerobic Sealant
 Manufacturer MSDS.: 56541
 Manufacturer Name: Henkel Corporation
 Address: 1001 Trout Brook Crossing
 Rocky Hill Connecticut 06067 United States
 Email: www.loctite.com
 Business Phone: 860.571.5100
 Emergency Phone: 860.571.5100
 Creation Date: 11/06/2006
 Revision Date: 11/06/2006
 Trade Names: 565 Thread Sealant PST(R) Pipe Sealant with PTFE
 Product Codes: 56541

HMIS

HEALTH	2
FIRE	1
REACTIVITY	1
PPE	

[To Top of page](#)**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

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Ingredient Name	CAS#	Ingredient Percent
Polyglycol dimethacrylate EC Index Number: 1	25852-47-5	30-60 by Weight
Cellulose ester EC Index Number: 1	9004-36-8	10-30 by Weight
Poly(tetrafluoroethylene) EC Index Number: 1	9002-84-0	5-10 by Weight
Titanium dioxide EC Index Number: 1	13463-67-7	1-5 by Weight
Treated fumed silica EC Index Number: 1	67762-90-7	1-5 by Weight
Saccharin EC Index Number: 1	81-07-2	1-5 by Weight
Cumene hydroperoxide EC Index Number: 1	80-15-9	1-5 by Weight

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**SECTION 3 : HAZARDS IDENTIFICATION**

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Emergency Overview:	WARNING: CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.
Physical State:	Paste
Color:	White
Odor:	Mild
Comments:	See Section 11 for additional toxicological information.

Applies to All Ingredients :

Route of Exposure:	Skin, Inhalation, Eyes
Potential Health Effects:	
Eye Contact:	Contact with eyes will cause irritation.
Skin Contact:	May cause skin irritation. May cause allergic skin reaction.
Inhalation:	May cause respiratory tract irritation.
Ingestion:	Not expected to be harmful by ingestion.
Aggravation of Pre-Existing Conditions:	Eye, skin, and respiratory disorders.

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Eye Contact:	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention.
Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.

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Flash Point:	Greater than 93 deg C (200 deg F)
Flash Point Method:	Tagliabue closed cup
Upper Flammable or Explosive Limit:	Not available
Lower Flammable or Explosive Limit:	Not available
Auto Ignition Temperature:	Not available
Extinguishing Media:	Foam, dry chemical or carbon dioxide.
Hazardous Combustion Byproducts:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Irritating organic vapors.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual Fire Hazards:	None

[To Top of page](#)**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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Spill Cleanup Measures:	Soak up with inert absorbent. Store in a partly filled, closed container until disposal.
Environmental Precautions:	Prevent product from entering drains or open waters.

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SECTION 7 : HANDLING and STORAGE

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Handling:	Avoid contact with eyes, skin and clothing.
Storage:	For safe storage, store at or below 38 deg C (100 deg F).
Comments:	For information on product shelf life contact Henkel Customer Service at (800) 243-4874.
Incompatible products	Refer to Section 10.

[To Top of page](#)**SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Engineering Controls:	No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
Skin Protection Description:	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.
Eye/Face Protection:	Safety goggles or safety glasses with side shields.
Respiratory Protection:	Use a NIOSH approved air purifying respirator with an organic vapor cartridge if the potential to exceed established exposure limits exists.
Comments:	See Section 8 for Exposure Limits.

Ingredient GuidelinesIngredient: Cellulose ester

Guideline Information: ACGIH TLV: None; OSHA PEL: None; OTHER: None;

Ingredient: Cumene hydroperoxideGuideline Information: ACGIH TLV: None; OSHA PEL: None; OTHER: 1 ppm (6 mg/m³) Skin (WEEL), 1ppm, skin TWA, (WEEL);Ingredient: Poly(tetrafluoroethylene)Guideline Information: ACGIH TLV: None; OSHA PEL: None; OTHER: AEL (DuPont): 10 mg/m³, 8 Hr TWA, total dust; 5mg/m³, 8 hr. TWA respirable dust;Ingredient: Polyglycol dimethacrylate

Guideline Information: ACGIH TLV: None; OSHA PEL: None; OTHER: None;

Ingredient: Saccharin

Guideline Information: ACGIH TLV: None; OSHA PEL: None; OTHER: None;

Ingredient: Titanium dioxideGuideline Information: ACGIH TLV: 10 mg/m³ TWA; OSHA PEL: 15 mg/m³ TWA total dust; OTHER: None;Ingredient: Treated fumed silicaGuideline Information: ACGIH TLV: 10mg/m³ Inhalable fraction, 3mg/m³ Respirable fraction, TWA; OSHA PEL: 5 mg/m³ Respirable dust, 15mg/m³ Total dust; OTHER: None;[To Top of page](#)**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

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Color:	White
Odor:	Mild
Physical State:	Paste
pH:	Not applicable
Vapor Pressure:	Less than 5 mm Hg at 27 deg C (80 deg F)
Vapor Density:	Not available
Boiling Point:	Greater than 149 deg C (300 deg F)
Melting Point:	Not available
n-Octanol/water partition coefficient:	Not available

Solubility In Water: Slight
 Specific Gravity: 1.1
 Evaporation Point: Not available
 Volatile Organic Compound Content: 0.111%; 1.0595 grams/liter

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SECTION 10 : STABILITY and REACTIVITY

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Chemical Stability: Stable.
 Conditions to Avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).
 Incompatibilities with Other Materials: Strong oxidizers.
 Hazardous Polymerization: Will not occur.
 Hazardous Decomposition Products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Irritating organic vapors.

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SECTION 11 : TOXICOLOGICAL INFORMATION

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Polyglycol dimethacrylate :

Target Organ Data: Allergen, Irritant
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;

Cellulose ester :

Target Organ Data: No Target Organs
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;

Poly(tetrafluoroethylene) :

Target Organ Data: No Target Organs
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;

Titanium dioxide :

Target Organ Data: Irritant, Respiratory
 Carcinogenicity: OSHA Designation: Yes; NTP Designation: No; IARC Designation: Group 2B;

Treated fumed silica :

Target Organ Data: Irritant
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;

Saccharin :

Target Organ Data: No Target Organs
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;

Cumene hydroperoxide :

Target Organ Data: Allergen, Central nervous system, Corrosive, Irritant, Mutagen
 Carcinogenicity: OSHA Designation: No; NTP Designation: No; IARC Designation: No;
 Toxicological Paragraph: Acute oral LD50 greater than 5000mg/kg (rat)(estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

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SECTION 12 : ECOLOGICAL INFORMATION

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Ecological Paragraph: Not available

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SECTION 13 : DISPOSAL CONSIDERATIONS

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Waste Disposal: Dispose of according to Federal, State and local governmental regulations.

EPA Waste Number: Not a RCRA hazardous waste.
 Comments: Information provided is for unused product only.

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SECTION 14 : TRANSPORT INFORMATION

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DOT Shipping Name: Unrestricted
 DOT Hazard Class: None
 DOT Identification Number: None
 DOT Packing Group: None
 IMO Shipping Name: Unrestricted
 IMO Hazard Class: None
 IMO UN Number: None
 IMO Packing Group: None
 IATA Shipping Name: Unrestricted
 IATA Hazard Class: None
 IATA UN Number: None
 IATA Packing Group: None
 Maritime Transportation
 CGVS/GGVE/IMDG: Marine pollutant: None;

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SECTION 15 : REGULATORY INFORMATION

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Applies to all ingredients:

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 Section 302: 4-Methoxyphenol (150-76-5).
 Section 312 Hazard Category: None above reporting de minimus.
 Section 313 Toxic Release Form: Immediate Health Hazard, Delayed Health Hazard
 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). Cumene hydroperoxide (CAS# 80-15-9) .
 State: California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
 Regulatory Paragraph: CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
 Canada WHMIS: D.2.A, D.2.B

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SECTION 16 : ADDITIONAL INFORMATION

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HMIS:

Health Hazard: 2*
 Fire Hazard: 1
 Reactivity: 1
 Personal Protection: See Section 8

MSDS Author: Kyra Kozak Woods, Product Safety and Regulatory Affairs Specialist

Disclaimer:

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Comment: This material safety data sheet contains changes from the previous version in sections: 8

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