

Material Safety Data Sheet

POWER TEAM Heavy Duty Pipe Sealant with *Teflon Part No.'s HTS6 and HTS50

SPX Power Team
5885 11th Street
Rockford, IL 61109
815 874-5556

Product Identification

Product Name: Power Team HTS6 and HTS50
Chemical Family: Anaerobic Adhesive/Sealant
CAS Number of Product: Unassigned

Hazardous Ingredients

Ingredient Name/CAS Number/Percentage:

Exposure Limits:

Tetraethyleneglycol Dimethacrylate
OSHA: Not established
CAS Number: 109-17-1
ACGIH: Not established
OSHA Percentage: >1
STEL: Not established

CEIL: Not established

Physical Data

Pure Material or Mixture: Mixture
Physical Form: Liquid
Appearance/Physical Description: White paste; mild, pleasant odor
PH as is: N/A (Not applicable)
PH in 1% Solution: N/A
Boiling-Point: Polymerizes before BP attained
Melting/Freezing Point: N/A
Solubility in Water: Insoluble
Specific Gravity (Water = 1): 1.070
Bulk Density: 8.91 Lbs./Gal.
Volatiles: Less than 1%
Evaporation Rate: Not noted
Vapor Pressure (mmHg): 0.01 at 77 F
Vapor Density (Air = 1): 1.01
Viscosity: 200,000 cps
Volatile Organic Compounds: 0.09 Lbs./Gal (10 g/l)

Fire and Explosion Data

Autoignition: Not determined
Flash Point: 230 Fahrenheit; Method: Setaflash closed tester.
Upper Explosive Limit (%): Not applicable
Lower Explosive Limit (%): Not applicable

Fire and Explosion Data (Continued)

Extinguishing Media: CO₂; Dry chemical; Foam; Water fog
Special Firefighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes; Cool exposed equipment with water spray.
Fire & Explosion Hazards: Polymerization may take place at elevated temperatures.
NFPA Flammability Class: 1 = Slight

Health Effects Data

Short Term Effects of Exposure

Route of Entry: Skin contact; Eye contact; Ingestion
Acute Effects - Eye: Irritating, and may injure eye tissue if not removed promptly.
Acute Effects - Skin contact: Frequent or prolonged contact may irritate and cause dermatitis. May cause skin sensitization, a partial or whole-body dermatitic rash experienced after exposure, however minimal.
Acute Effects - Inhalation: Based on its low volatility, product is not considered to be a respiratory hazard under normal conditions of use. Irritating and/or toxic vapors may be released at elevated temperatures.
Acute Effects - Ingestion: Ingestion effects have not been evaluated but are assumed to cause nausea and vomiting.

First Aid Procedures

Eye: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.
Skin Contact: Flush exposed areas thoroughly with soap and water until all chemical is removed. Remove contaminated clothing and launder before reuse.
Inhalation: First aid is not normally required. Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
Ingestion: DO NOT induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

Long-term Effects of Exposure

Effects of Chronic Exposure: In certain individuals, sensitization may occur causing dermatitis with even minimal contact.
Target Organs: Skin; Eyes

Special Health Effects

Carcinogen (OSHA guidelines): No

Toxicology Information

Tetraethylene Glycol Dimethacrylate

Other notes on Toxicity: Tetraethylene Glycol Dimethacrylate is a skin and eye irritant, and a skin sensitizer.

Handling and Storage Precautions

Storage Temperature: Room Temp.
Special Sensitivity: Avoid excessive heat.
Handling/Storage: Store out of direct sunlight in a dry area.
Maximum storage temperature is 100F.

Recommendations for Personal Protective Equipment

Conditions under which PPE req'd.: Normal work conditions;
Spill/Cleanup; Maintenance/Repair

Eye Protection Requirements: Safety glasses, goggles or face shield to protect against splashing.

Glove Requirements: Employee must wear appropriate protective gloves to prevent contact with this substance.

Clothing Requirements: No special clothing required for low volume activity.

Change/Removal of Clothing: Remove clothing and launder before reuse if contaminated with product.

Wash Requirements: Wash hands with soap and water if contact with product occurs or before eating, drinking, smoking, or using toilet facilities.

Respirator Requirements: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

Ventilation Requirements: General

Reactivity

Stability: Stable

Incompatibilities: Metals and their salts, Anaerobic Surface Conditioners.

NFPA Reactivity Hazard Class: 2 = Moderate

Hazardous Decomposition Products: Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

Hazardous Polymerization: Will occur

Hazard Polymerization Conditions: Note! Products are anaerobic and polymerize in the absence of air. Sunlight, excessive heat, and contamination by metals or anaerobic surface conditioner in large quantities, will also cause polymerization.

Spill and Leak Procedures

Spill or Leak Procedures:

Wear protective clothing. Stop leak if you can do it without risk. For small spills take up with sand or other inert absorbent material and place in a container for later disposal. Note: in bulk quantities, product absorbed on inert material may polymerize generating significant heat and pressure. Vent disposal container to prevent buildup of pressure. Can carefully solidify with anaerobic surface conditioner and dispose of as solid waste.

Waste Disposal Methods:

Waste disposal should be in accordance with existing federal, state and local environmental regulations.

Shipping Information

DOT Information

DOT Shipping Name: Adhesive, NOI
DOT Hazard Class: Not restricted
DOT Reportable Quantity: N/A

United Nations Information

U.N. Number: Non-restricted
U.N. Class: Not noted

Other Regulatory

TSCA: All components are on the TSCA inventory
SARA/TITLE III. THIS PRODUCT CONTAINS (OR IS) A TOXIC CHEMICAL FOR ROUTINE ANNUAL TOXIC CHEMICAL RELEASE REPORTING UNDER SECTION 313:

None reportable

ADDITIONAL INFORMATION

The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on the manufacturer's research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.