

PolyGrit Non Slip Additive

Section 1 **Product Description**

Product Name: Polygrit
Recommended Use: Grip additive for concrete sealers
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041
P: 800.545.9827 • F: 713.329.9065 www.chemsystemsinc.net
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 **Hazard identification**

Not a hazardous substance or mixture according to the Globally Harmonized System

Precautionary Statement

Prevention:

P280 Wear eye protection
P270 Do not eat, drink, or smoke while using this product.

Response:

P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.
P302+P353 IF ON SKIN: Rinse skin with water.
P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

Section 3 **Composition/ Information on Ingredients**

No Hazardous Components

Section 4 **First Aid Measures**

Emergency First Aid Procedures

Skin: Clean area with soap and water. If irritation develops, get medical attention.

Eyes: Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if present and easy to do – continue rinsing. If irritation develops, get medical attention.

Inhalation (mist): Treat as a nuisance dust. Move to fresh air and provide oxygen if breathing is difficult. Immediate medical attention not normally required. No delayed effects expected, but seek medical attention if irritation persists.

Ingestion: Not a normal or expected route of introduction. If large quantities are ingested, seek medical attention.

Section 5 **Firefighting Procedures**

Extinguishing Media: Dry chemical, CO₂, foam, water fog. Avoid water stream on molten burning material, as it may scatter and spread the fire.

Flash Point (TCC): >530° F

Flammable Limits (% volume in air for solvents): LEL=N/A UEL=N/A

Special Fire Fighting Procedures: Firefighters wear NIOSH approved self-contained breathing apparatus. Watch footing on floors and stairs because of possible melting material and spreading of material. Use spray to keep containers cool.

Section 6 **Spill or Leak Procedures**

Steps to Take if Material is Released or Spilled: No health affects expected from the clean-up of the material. Sweep up with minimal dusting. Rinse affected area thoroughly with water.

Section 7 **Handling and Storage**

Normal Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container. Keep containers tightly closed when not in use.

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Avoid freezing. Store in a cool, dry place. Do not store near strong oxidizing agents or amines.

Safety Data Sheet

Section 8 **Protection Information**

Respiratory Protection: Use NIOSH-approved dust respirator when the chance of dust inhalation is present.

Ventilation: Provide adequate mechanical ventilation to keep dust levels low.

Protective Gloves: Wear impervious chemical gloves.

Eye Protection: Wear chemical safety glasses.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

Work/Hygienic Practices: Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

Section 9 **Physical Data**

Appearance: White powder

Odor: Typical wax odor

Odor Threshold: No data available

pH: N/A

Freezing/Melting Point: 330° F

Boiling Point: 212° F

Flash Point: >530° F

Evaporation Rate: Not applicable

Flammability (solid, gas): Combustible solid

Upper/lower Flammability: Not determined

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Relative Density: 0.90 g/cc

Solubility: Insoluble

Partition Coefficient: Not determined

Auto-ignition Temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not applicable

Section 10 **Reactivity Data**

Reactivity: Stable at normal conditions.

Conditions to avoid: Extreme heat, sparks and open flame. Avoid contact with strong oxidizing agents and amines.

Hazardous decomposition products: May emit oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

Section 11 **Toxicity Data**

Carcinogen: No.

Routes of Exposure: Inhalation (mist), ingestion, eyes, and skin.

Acute Toxicity Lethal Doses (ATE):

LC50 (inhl) No data available

LD50 (oral) No data available

LD50 (skin) No data available

Health Hazards:

Acute: May cause eye irritation. Inhalation of dust may irritate nose and throat. Ingestion of large quantities may cause nausea.

Chronic: Prolonged and repeated exposures may cause skin irritation. Repeated ingestion or swallowing large amounts may cause internal injury.

Skin Contact: Prolonged or repeated contact may cause mild irritation.

Eye Contact: Direct contact will cause mechanical eye irritation.

Inhalation (mist): May cause mild irritation.

Ingestion: May cause nausea, abdominal discomfort.

Carcinogen: No.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

Safety Data Sheet

Section 12 Ecological Data

Acute Toxicity to Fish: No data available

Acute Toxicity to Aquatic Invertebrates: No data available

Toxicity to Aquatic Plants: No data available

Toxicity to Microorganisms: No data available

Chronic Toxicity to Fish: No data available

Chronic Toxicity to Aquatic Invertebrates: No data available

Persistence and Degradability: This material is not biodegradable

Bioaccumulation Potential: This material is not expected to bioaccumulate

Mobility in the Soil: Expected to move slowly in soil and water

Other Adverse Effects: None established

Section 13 Disposal Information

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

Proper Shipping Name: Non-Regulated Material

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: No

Section 15 Regulatory Information

SARA 311/312: Yes. Acute

CHEMICAL INVENTORIES

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Proposition 65 Carcinogens and Reproductive Toxins: None

Canadian WHMIS Classification: Not classified

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.