

Safety Data Sheet



Surface Grip

Version 1

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled): Surface Grip
Synonyms: N/A
CAS No: Not available

1.2 Product Use: Coating

1.3 Company Name: **SpecChem**
Company Address: 1511 Baltimore Ave; Suite 600
Company Address Cont: Kansas City, MO 64108
Business Phone: (816) 968-5600
Website: www.specchem.com

1.4 Emergency Telephone Number: **Velocity: (800) 255-3924**
Date of Last Revision: 7/01/2018
Date of Current Revision: 3/11/2024

SECTION 2 – HAZARDS IDENTIFICATION

2.1 EU Labeling and Classification:

Components Contributing to Classification: Combustible dust.

2.2 Label Elements:

Hazard Pictogram: Not applicable.
Signal Word: Warning
Hazard Statement: May form combustible dust concentrations in air.
Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

2.3 Health Hazards or Risks From Exposure:

Hazards not otherwise specified: Not applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	WT%	CAS No.
Polyethylene	100	9002-88-4
None by OSHA criteria		

Note: All WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000

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SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, including under lids. If easy to do, remove contact lenses, if worn. Call a physician if irritation develops or persists.

Skin Contact: In case of contact, immediately flush skin with plenty of water. A burn from molten material should be treated as a thermal burn. Cool as soon as possible. Get medical attention if symptoms occur.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2 Symptoms and Effects Both Acute and Delayed:

Eye Contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin Contact: In May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. Molten material may cause burns.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

4.3 Recommendations to Physicians: Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Fire Extinguishing Materials:

Suitable Extinguishing Media: Water fog, foam, dry chemical, and carbon dioxide.
Unsuitable Extinguishing Media: None known.

5.2 Unusual Fire and Explosion Hazards:

Products of Combustion: May include, and are not limited to: oxides of carbon.

5.3 Special Fire-Fighting Procedures:

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Static charges may be generated by emptying packages. Use water spray to keep fire exposed containers cool. Combustion may generate hazardous fumes. Avoid breathing smoke & fumes. Dust in the atmosphere and on surfaces may present a dust explosion hazard (for more information refer to OSHA Bulletin Combustible Dust in Industry: Preventing and Mitigating the Effects of Fire and Explosion and NFPA 654: Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids).

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SECTION 6 – ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release. Avoid any contact with the skin and eyes. Eliminate sources of ignition. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Spill and Leak Response:

Methods for Containment: Confine the spill at the source. Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Sweep up material, avoid generating dust. If material is molten, attempt to confine the spill until the cooling material solidifies, then scrape up and dispose of properly. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Handling: Avoid contact with skin and eyes. Fine powder/dust may cause skin, eye, or respiratory irritation. Use with adequate ventilation. Static charges may be generated when emptying containers. Use product with caution around heat, sparks, static electricity and open flame. Avoid excessive temperatures, freezing conditions, and sources of ignition. Avoid humidity and moisture. Do not contaminate product. Avoid breathing dusts. (See section 8)

General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2 Storage and Handling Practices:

Keep out of the reach of children. Keep container tightly closed and in a dry, well-ventilated place. Keep cool [0 – 50 °C (32 – 122 °F)]. (See section 10)

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Parameters:

Ingredients	OSHA PEL	ACGIH-TLV
Particulates Not Otherwise Regulated (PNOR)	15 mg/m3 (Total Dust); 5 mg/m3 (Respirable Particulate)	10 mg/m3 (Inhalable Particulate);

8.2 Exposure Controls:

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Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment).

8.3 Individual Protective Measures

Personal Protective Equipment:

Eye/Face Protection:

Wear ANSI approved (Z87.1) safety glasses with side shield, or goggles. Wear safety glasses and face shield when working with molten material.

Skin Protection:

Hand Protection:

Chemical-resistant, impervious gloves.

Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Wear a NIOSH/MSHA approved dust mask or respirator if airborne concentrations are not maintained below the Exposure Limits.

General Health and Safety Measures:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines. Ensure proper grounding. Provide eyewash and washing facilities.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance (Physical State and Color): White Powder

Odor: Mild

Odor Threshold: No data available

pH: No data available

Melting/Freezing Point: No data available

Boiling Point: 413°F (212°C)

Flash Point: > 232 °C (>450 °F) Open Cup

Evaporation Rate: No data available

Flammability (Solid; Gas): Combustible

Upper/Lower Flammability or Explosion Limits: Not data available

Vapor Pressure (mm Hg @ 20°C (68° F): No data available

Vapor Density: No data available

Relative Density: 0.93 @ 25°C

Solubility in Water: <0.001wt% in water

Weight per Gallon: No data available

Partition Coefficient (n-octanol/water): No data available

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

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Viscosity: No data available

9.2 Other Information: No data available

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity:

This product is not reactive.

10.2 Stability:

Stable under conditions of normal storage and use.

10.3 Possibility of Hazardous Reactions:

Will not occur.

10.4 Conditions to Avoid:

Heat and Flame. Incompatible materials.

10.5 Incompatible Substances:

Strong oxidizers, halogens, aromatic solvents.

10.6 Hazardous Decomposition Products:

Carbon monoxide and dioxide smoke.

SECTION 11 – TOXICOLOGY INFORMATION

11.1 Information on Toxicological Effects:

Toxicity Data:

Ethene, homopolymer	770-35-4	LD50 Oral – Rat	> 2000mg/kg, rat
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Symptoms related to physical/chemical/toxicological characteristics:

Eye:

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin:

May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. Hot material tends to cling to flesh, especially after solidifying.

Ingestion:

May cause stomach distress, nausea or vomiting.

Inhalation:

May cause respiratory tract irritation.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity:

May cause long-term adverse effects in the aquatic environment.

12.2 Persistence and Degradability:

Not biodegradable

12.3 Bioaccumulative Potential:

No specific data available on this product.

12.4 Mobility in Soil:

No specific data available on this product.

12.5 Results of PBT and vPvB Assessment: No specific data available on this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.

13.2 EU Waste Code:

Not determined

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SECTION 14 - TRANSPORTATION INFORMATION

14.1 U.S. Department of Transportation (DOT) Shipping Regulations:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number: Not applicable

Proper Shipping Name: Not regulated

Hazard Class Number and Description: Not applicable

Packing Group: Not applicable

DOT Label(s) Required: Not applicable

North American Emergency Response Guidebook Number: Not applicable

14.2 Environmental Hazards:

Marine Pollutant: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 Special Precaution for User: None

14.4 International Air Transport Association

Shipping Information (IATA): Not regulated.

14.5 International Maritime Organization

Shipping Information (IMO):

UN Identification Number: Not applicable

Proper Shipping Name: Not regulated

Hazard Class Number and Description: Not applicable

Packing Group: Not applicable

EMS-No: Not applicable

SECTION 15 – REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

United States Regulations:

U.S. SARA Reporting Requirements:

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

U.S. CERCLA Reportable Quantity:

None

U.S. TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 66):

This product does not contain ingredients on the Proposition 65 Lists.

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SECTION 16 – OTHER INFORMATION

Prepared By : Regulatory Department
Date of Printing: 3/11/2024

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. SpecChem assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, SpecChem assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET