

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

### SECTION 1 – PRODUCT IDENTIFICATION

Trade name : SpecChem Surface Grip

Manufacturer : SpecChem LLC  
444 B Richmond Ave  
Kansas City, KS 66101

Telephone : (866) 791-8700  
Emergency Phone : CHEMTREC (800) 424-9300

Product Use : Coating

### SECTION 2 – PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Polyethylene Wax	9002-88-4	

### SECTION 3 – HAZARDS IDENTIFICATION

#### Emergency Overview

White. Powder with a slight odor. Slippery when spilled. A high level of dust in the atmosphere may present a dust explosion hazard. Under these circumstances, keep away from heat sparks, and open flames. Ground all equipment.

#### Acute Potential Health Effects/ Routes of Entry

Inhalation : May irritate the nose, throat and respiratory tract.

Eyes : Direct contact may cause mild irritation.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause mild irritation.

#### Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

### Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

### Target Organs:

## SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : If exposed to excessive levels of dust or fumes, remove to fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with soap and water. If irritation, rash or other disorders develop, get medical attention immediately. A burn from molten material should be treated as a thermal burn. Hot material tends to cling to flesh, especially after solidifying. Cool as soon as possible. Seek medical attention.

Ingestion : Get medical attention: Do not induce vomiting. If vomiting occurs spontaneously keep head below hips to prevent aspiration.

## SECTION 5 – FIRE FIGHTING MEASURES

Flash point : >232 °C (>450 °F)

Method : Not available.

Lower explosion limit : Not available.

Upper explosion limit : Not available.

Autoignition temperature : Not available.

Extinguishing media : Water fog, foam, dry chemical, CO2. Water may be ineffective but may be used to cool fire exposed containers.

Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.

Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA)

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

Fire and explosion conditions : Emptying packages may generate static electricity. Cool containers with water spray. 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 the OSHA Bulletin Combustible Dust in Industry: Preventing and mitigating the Effects of Fire and Explosion and to NFPA 654: Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and handling of Combustible Particulate Solids.)

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Warning, spilled material will be slippery. Remove sources of ignition. 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

Handle in compliance with common hygienic practice. Clean hands thoroughly after handling. Keep from freezing. Avoid excessive temperatures, sources of ignition, humidity and moisture. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin, eyes, and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, well-ventilated warehouse location above freezing.

Use product with caution around heat, sparks, static electricity and open flames. Practice good industrial hygiene. Minimize breathing of dust and fumes.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Personal protection equipment

Respiratory protection : Wear appropriate NIOSH/MSHA approved dust mask or respirator when the ventilation is not adequate to maintain airborne concentrations below the exposure limits, or if it is necessary to abrade or grind surfaces coated with this product.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.

Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Engineering measures : Use local exhaust when the general ventilation is inadequate.

### Exposure Limits

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Polyethylene wax	9002-88-4	ACGIH TWA: OSHA PEL:	10 mg/m3 15 mg/m3	Total Dust

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form : Free flowing powder

Color : White

Odor : Slight

pH : Not available

Vapor pressure : Not available

Vapor density : Not available

Melting point/range : Not available

Freezing point : Not available

Boiling point/range : Not available

Water solubility : Negligible

Specific Gravity : 0.93

% Volatile Weight : 0

## SECTION 10 – REACTIVITY / STABILITY

Substances to avoid : Strong oxidizers, excessive temperatures.

Stability : Stable.

Hazardous polymerization : Will not occur.

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

Decomposition Products : Fumes, smoke and CO, CO2

### SECTION 11 – TOXICOLOGY INFORMATION

No data available

### SECTION 12 – ECOLOGICAL INFORMATION

No data available

### SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

### SECTION 14 - TRANSPORTATION / SHIPPING DATA

#### TDG / DOT Shipping Description:

NOT REGULATED

### SECTION 15 – REGULATORY INFORMATION

#### North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

#### U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards :

OSHA Hazardous Components :

OSHA Status: Considered :

hazardous based on the  
following criteria

OSHA Flammability : Not Regulated

Regulatory VOC (less water : 0  
And exempt solvent)

#### U.S. State Regulations:

Chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm: None known.

# Material Safety Data Sheet



## SpecChem Surface Grip

Version 1

Print Date: 8/11/2011

### SECTION 16 – OTHER INFORMATION

#### HMIS Rating:

Health	<b>1</b>
Flammability	<b>1</b>
Reactivity	<b>0</b>
PPE	<b>E</b>

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

#### Further Information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Valery Tokar**

#### Legend

ACGIH – American conference of Governmental hygienists  
CERCLA – Comprehensive Environmental Response, Compensation, And Liability Act  
DOT – Department of Transportation  
DSL – Domestic Substance List  
EPA – Environmental Protection Agency  
HMIS – Hazardous Materials Information System  
IARC – International Agency for Research on Cancer  
MSHA – Mine Safety Health Administration  
NDSL – Non-Domestic Substance List  
NIOSH – National Institute for Occupational Safety and Health  
NTP – National Toxicology Program  
OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit  
RCRA – Resource Conservation and Recovery Act  
RTK – Right to Know  
SARA – Superfund Amendments and Reauthorization Act  
STEL – Short Term Exposure Limit  
TLV – Threshold Limit Value  
TSCA – Toxic Substances Control Act  
TWA – Time Weighted Average  
V – Volume  
VOC – Volatile Organic Compound  
WHIMIS – Workplace Hazardous Materials Information System