

Safety Data Sheet

Spec Grip

Complies with OSHA Hazard Communication
Standard 29 CFR 1910.1200



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SECTION 1. Identification

1.1 Product Identifier:

Product Name: Spec Grip

Product Code: Formulation JB-1096P

1.2 Uses of the product:

Ceramic Microspheres

1.3 Details of the product manufacturer:

Supplied By: Specco Industries Inc.
601 N. 5th Ave.
Kankakee, Illinois 60901
(630)-257-5060
E-Mail: Info@specco.com

1.4 Emergency Telephone Number:

24 Hour Emergency:
INFOTRAC: 1-800-535-5053

Outside U.S. and Canada
Infotrac: 352-323-3500

Note: INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

SECTION 2. Hazard(s) Identification

2.1 EMERGENCY OVERVIEW** In product form, no toxicological hazards exist

2.2 Classification of the substance or mixture: Target Organs: Lungs

GHS-US Classification

STOT SE 1 H335

STOT RE 1 H373

For the full text of H-phrases: See Section 16

2.3 Label elements:

Symbol(s) of Product GHS-US labeling:

Hazard pictograms (GHS-US):

Signal Word:



Warning

2.3 Label Elements

GHS –US HAZARD STATEMENTS:

Lung Irritation, -category 2

Repeated exposure- category 2

H315 May cause mechanical skin irritation

H319 May cause mechanical eye irritation

H335 May cause respiratory irritation

H373 May cause damage to the lungs and / or respiratory system through prolonged or repeated inhalation

GHS –US PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.

P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands and forearms thoroughly after handling.
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN, Wash with plenty of water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P312	Call a POISON CENTER/doctor/physician if you feel unwell.
P321	Specific treatment (see first aid section on this label).
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P403 + P233	Store in a well-ventilated place. Keep containers tightly closed
P501	Dispose of contents/container in accordance with local / regional / national / international regulations.

2.4 Other hazards:

Hazardous decomposition products: Silica will dissolve in hydrofluoric acid and produce a corrosive gas-silicon tetrafluoride.

SECTION 3. Composition on Ingredients

3.1 Substances:

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Wt.</u>	<u>GHS-US Symbols</u>	<u>GHS-US Statements</u>
Polypropylene Wax Homopolymer HS Code= N.A.	9003-07-0	100%	GHS07-GHS08	H315, 319

Note: The full text for GHS Statements shown above (if any) is given in the "Other Information" Sect. (16)

STOT SE = Specific target organ toxicity for a single exposure
STOT RE = Specific target organ toxicity for a repeated exposure

SECTION 4. First-Aid Measures

4.1 Description of first aid measures:



FIRST AID- EYE CONTACT: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.



FIRST AID- SKIN CONTACT: Flush skin with plenty of water. Remove clothing. Get medical attention if irritation persists. Wash clothing separately and clean shoes before reuse.



FIRST AID- INHALATION: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.



FIRST AID- INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

4.2 Principle symptoms and health effects both acute and delayed:



EYE CONTACT: Mechanical eye irritation. Redness, irritation or pain from corneal abrasion



SKIN CONTACT: Prolonged contact with large amounts of this product may cause mechanical Irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.



INHALATION: May cause respiratory irritation, sneezing, coughing, burning sensation in the throat, or constriction in the larynx, or difficulty breathing.



INGESTION: Abdominal pain

CHRONIC SYMPTOMS: Shortness of breath, wheezing, cough and sputum production.

4.3 Indication of any immediate medical attention and special treatment needed:

No specific actions are required.

SECTION 5. Fire-Fighting Measures

5.1 Extinguishing Media:

Suitable Extinguishing Media: Use the extinguishing media appropriate for the surrounding fire.

Unsuitable Extinguishing Media: None Known

5.2 Special hazards arising from the substance or mixture:

Fire Hazard: None, this product is not flammable

Explosion Hazard: None, this product is not explosive

Reactivity: No hazardous combustion products or hazard reactions are known.

5.3 Advice for Firefighters

No specific firefighting instructions are required. Use normal individual personal protective equipment and fight fire from a reasonable distance using normal precautions.

SECTION 6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

General: Do not breathe dust. Avoid generating airborne dust. Collect the material using a method that does not produce dust. (High Efficiency Particulate Air (HEPA) vacuum or thoroughly wetting down the material). Dispose of according to federal, state, and local regulations.

Protective Equipment: Wear protective clothing as appropriate for the work environment, including gloves, and eye/face protection. Use respiratory protection as recommended in Section 8-Exposure controls/personal protection.

Emergency Procedure: Collect as any inert solid

6.2 Environmental precautions:

No special requirements

6.3 Methods and material for containment and cleaning up:

Avoid dry sweeping or otherwise generating dust during clean-up of spills. Use water spraying or vacuum cleaning systems to prevent airborne dust generation. Recover product by vacuuming or shoveling and place the material in a covered container appropriate for disposal.

6.4 Reference to other Sections:

Refer to Sections 8 and 13 for additional information

SECTION 7. Handling and Storage

7.1 Precautions for safe handling:

Work Practices: Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. Do not rely on vision to determine whether respirable silica is present in the air since it may be present without a visible cloud. In case of insufficient ventilation, wear respiratory protective equipment as recommended in Section 8. Handle packaged products carefully to prevent bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practices Guide referenced in Section 16.

Hygiene Practices: Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

**7.2 Conditions for safe storage, including any incompatibilities:**

Technical measures: Minimize airborne dust generation and prevent wind dispersal during loading and unloading.

7.3 Specific end use(s):

Intended Use(s): Concrete slip resistant surface coating additive

Prohibited use(s): None listed

Precautions: Store containers in a cool dry place away from moisture. Keep containers closed and store packaged products so as to prevent accidental bursting. Keep containers closed when not in use.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control Parameters:**Ingredients with Occupational Exposure Limits**

<u>Chemical Name</u>	<u>ACGIH-TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Polypropylene Wax-Homopolymer	5 mg/m ³	NE	5 mg/m ³	NE

8.2 Exposure controls:**8.2.1 Engineering controls:**

Minimize the generation of airborne dust. Use process controls, local exhaust ventilation, or other engineering controls to maintain airborne levels below the limits shown in Section 8.1 above. See also ACGIH Industrial Ventilation-Recommended Practice (latest edition).

8.2.2 Personal protective equipment (PPE):

RESPIRATORY PROTECTION: Avoid breathing dust produced during the use and handling of this product. A NIOSH/MSHA approved air purifying respirator with a HEPA cartridge is required under circumstances where airborne concentrations are less than 0.1 mg/ m³ (10 X PEL). Typically, a half-

mask air purifying respirator with a P-100 HEPA filter approved by NIOSH is sufficient for use with this product. For application concentrations greater than this particulate threshold, full face piece air purifying respirators or any air powered-purifying respirators can be utilized for proper protection levels. If the workplace airborne crystalline silica concentration is unknown for a given task, conduct air monitoring to determine the appropriate level of respiratory protection needed. Consult with a certified industrial hygienist, your insurance risk manager, or the OSHA/MSHA Consultive Services Group for more information. Ensure appropriate respirators are worn during job tasks, including clean-up or whenever airborne dust is present, in order to manage employee exposures below occupational health limits.



SKIN PROTECTION: Wear impervious, impermeable gloves to prevent contact with the skin. Wear protective gear as needed such as apron, long sleeved shirts in situations where abrasion from sand may occur. Wash hands with soap and water after use.



EYE PROTECTION: Goggles are recommended where airborne dust is produced..



OTHER PROTECTIVE EQUIPMENT: None



HYGIENIC PRACTICES: Do not eat or drink in areas where the material is used. Avoid breathing dust. Remove contaminated clothing and wash before re-use. Wash thoroughly after handling. Wash hands before eating.

SECTION 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	White Powder	Physical State:	Low density powder
Odor:	None	Odor Threshold:	N.A.
Density, g/cm³:	0.90	pH:	N.A..
Flash Point:	>530°F, 277°C	Viscosity:	N.A.
Solubility in Water:	Insoluble	Explosive Limits, vol%:	N.A.
Boiling Range, F:	NA	Melting Point:	330° F (166°C)
Bulk Density:	55 to 85 g/100cm ³	Auto Ignition Temp:	N.A.
Relative Density:	0.7-0.9 (water =1.0).	Vapor Pressure:	N.A

9.2 Note: See "Other Information" Section (16) for abbreviation legend

SECTION 10. Stability and Reactivity

10.1 Reactivity:

Inert, not reactive

10.2 Chemical stability:

Stable under normal temperature and pressure

10.3 Possibility of hazardous reactions:

Hazardous reactions or polymerization will not occur.

10.4 Conditions to avoid:

None Known

10.5 Incompatible materials:

Not available.

10.6 Hazardous decomposition products:

NA

SECTION 11. Toxicological Information

**Information on Toxicological Effects**

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Numerical measures of toxicity: Acute toxicity Value: Not established

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term exposure:

DERMATITIS:

Irritant Dermatitis is caused by physical properties of the plasticizer including alkalinity and abrasion. **Allergic Dermatitis:** No data

SECTION 12. Ecological Information

12.1 Toxicity

Not relevant

12.2 Persistence and degradability

Not biodegradable.

12.3 Bioaccumulative potential

Not known to bioaccumulate.

12.4 Mobility in Soil

Negligible

12.5 Other adverse effects

No other specific adverse effects known

SECTION 13. Disposal Considerations

**13.1 Waste treatment methods**

General: The unused product residue may be landfilled and is not expected to be a hazardous waste under RCRA.

Packaging: Material should be placed in covered containers to minimize generation of airborne dust. Place spilled material into a container. Scrape wet material and place into a container. Allow material to dry or solidify before disposal.

RCRA: Not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40CFR S261 et seq.

NOTE: Always dispose of any waste in accordance with all local, state, and federal regulations.

SECTION 14. Transport Information

14.1 UN Number:

Not relevant- Not a dangerous good

14.2 UN Proper Shipping Name:

Not relevant-Not a dangerous good

14.3 Transport hazards class:

Not considered hazardous materials for purposes of transportation under the U.S. Department of Transportation Table of Hazardous Materials, 49CFR S172.101.

14.4 Packing Group:

Not applicable'

14.5 Environmental hazards:

Not relevant

14.6 Special precautions for user:

No special precautions

SECTION 15. Regulatory Information

15.1 U.S. Federal Regulations:

TSCA No:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA SECTIONS:

302: None known. **311/312** Acute Health Hazard, Chronic Health Hazard. **313** Hazard Categories: None

RCRA:

Not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40CFR S261 et. Seq.

CERCLA:

Not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act. (CERCLA), 40CFR S302.

EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT:

Not an extremely hazardous substance under Section 302 and is **not** a toxic chemical subject to the requirements of Section 313.

CLEAN AIR ACT:

This product does not contain any Class I or Class II ozone depleting substances.

FDA:

No data

NTP:

No data

OSHA: Not listed.

15.2 U.S. State Regulations:**CALIFORNIA PROPOSITION 65:**

Not classified as a substance known to the state of California to be a carcinogen.

CALIFORNIA INHALATION REFERENCE EXPOSURE LIMIT (REL):

Not classified

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive toxins exist for this product.

15.3 International regulations:**CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings

WHMIS Class: No information available

EUROPEAN UNION:

No information available

IARC:

No information available

15.4 Other Regulations

National, state, provincial or local emergency planning, community right to know or other laws, regulations or ordinances may be applicable-consult applicable national, state, provincial or local laws.

Revision Date: 12-03-19

Supersedes Date: 05-20-19

S.D.S. produced by: Specco Regulatory Department in accordance with the requirements outlined in the Federal Register, Volume 77, NO.58, March 2012 page 17574. In this final rule, OSHA modified its Hazard Communication Standard (HCS) to conform to the United Nation's Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The modifications to the standard included but were not limited to revised criteria for classification of chemical hazards and a new specified format for Safety Data Sheets.

Standardized American System for the identification of hazards presented by this product in view of emergency procedures (NFPA 704) -H.M.I.S. Ratings:

Health:	1	Flammability:	1	Reactivity:	0	Personal Protection:	E
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* Refer to Section 2 and Section 11 of this SDS

Regarding Volatile Organic Compounds, gram/liter: N.A. (0)

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL V.O.C. CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING V.O.C. CONTENT AND THAT STANDARDS/REQUIREMENTS REGARDING V.O.C. CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, SPECCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH V.O.C. STANDARDS/REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

Text for GHS Hazard Statements shown in section 3 describing each ingredient:

H315 May cause mechanical skin irritation
H319 May cause mechanical eye irritation

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS07



GHS08



Legend: * Refer to 49 CFR for possible exceptions and exemptions. Abbreviations : TLV= Threshold Limit Value. TWA= Time Weighted Average. STEL= Short Term Exposure Limit. N.A. = Not Applicable. N.D. = Not Determined, N.E. =Not Established. IATA= International Air Transport Association. IMDG= International Maritime Dangerous Goods.

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