

MATERIAL SAFETY DATA SHEET

Trade Name: **Spex•Lite ® 5530 Ultra Light Filler Beads**
Date Prepared: **08/06/08**

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: **Spex•Lite ® 5530 Ultra Light Filler Beads**
Product description: **Polypropylene beads with coating**
Manufacturer: **Schabel Polymer Technology, LLC**
345 Wagar Road
Rocky River, Ohio USA
Telephone: **440-333-5615**
In case of emergency call: **440-333-5615**
For transportation emergency
Call CHEMTREC: **800-424-9300**

2. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical and Common Name</i>	<i>CAS Registry Number</i>	<i>Wt. %</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>
Polypropylene	9010-79-1	>98%	10 mg/m3 8-hour PEL	
Pentane	109-66-0	<1.5%	1000 mg/m3 8-hr TWA	
Coating		<1%		

3. HAZARDS IDENTIFICATION

Emergency Overview: **Not harmful to health or environment under normal use of product.**
Eye contact: **Non-irritating to eyes.**
Skin contact: **Non-irritating to skin.**
Inhalation: **Not expected to present an inhalation hazard.**
Ingestion: **No known hazard.**
Chronic hazards: **No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.**
Physical hazards: **None.**

4. FIRST AID MEASURES

Eye: **In case of contact with dust particles, rinse eyes with water for at least 15 minutes. If irritation persists, seek proper medical attention.**
Skin: **Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash exposed areas with mild soap and water.**

Inhalation: **Not expected to create an inhalation hazard.**
Ingestion: **Not applicable under normal conditions of use.**

5. FIRE FIGHTING MEASURES

Flammable limits: **Usual extinguishing methods: water, CO2, foam or dry chemical.**
Extinguishing Media: **This material is compatible with all extinguishing media.**
Hazards to fire-fighters: **Incomplete thermal decomposition or burning may release hazardous products and/or flammable vapors like ethylene, ethane, carbon monoxide, etc.**
Fire-fighting equipment: **Normal fire-fighting equipment.**

6. ACCIDENTAL RELEASE MEASURES

Personal protection: **Safety goggles or glasses should be worn for all industrial operations.**
Environmental Hazards: **No known environmental hazards.**
Small spill cleanup: **Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.**
Large spill cleanup: **Spilled product may create slipping hazard. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE) if dusting occurs.**
CERCLA RQ: **There is no CERCLA Reportable Quantity for this material.**

7. HANDLING AND STORAGE

Handling: **In order to avoid static discharge, equipment should be made of conducting material. Use proper static grounding practices.**
Storage: **Keep containers closed. Keep away from heat or ignition sources. Store in clean metal, fiber or plastic containers.**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: **Static grounding practices should be used.**
Respiratory protection: **Use a NIOSH-approved dust respirator where dusting occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134) should airborne dust levels exceed OSHA permissible exposure limit (PEL).**
Skin protection: **None recommended. Under anticipated conditions of normal use, not normally considered a skin hazard.**
Eye protection: **Safety goggles or glasses should be worn for all industrial operations.**

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: **Small, loose, lightweight beads.**
Color: **White.**
Melting point: **Approximately 300° F.**
Odor: **Odorless.**
pH: **Not applicable.**
Bulk density: **Range: 0.9 to 2.0 pcf**
Solubility in water: **Insoluble.**
Bead size range: **Approximately 2.0 to 4.0 mm.**

10. STABILITY AND REACTIVITY

Stability: **This material is stable under all conditions of use and storage.**
Conditions to avoid: **None.**
Materials to avoid: **None.**
Hazardous decomposition products: **None known.**

11. TOXICOLOGICAL INFORMATION

Acute Data: **LD50 not available.**
Subchronic Data: **There are no known reports of subchronic toxicity.**
Special Studies: **There are no known reports of carcinogenicity. Polypropylene is not listed by IARC, NTP or OSHA as a carcinogen.**

12. ECOLOGICAL INFORMATION

Eco toxicity: **There are no known reports of ecotoxicity of polypropylene.**
Environmental Fate: **This material is inert in aquatic systems. It will not bioconcentrate up the food chain.**
Physical/Chemical: **Insoluble in water.**

13. DISPOSAL CONSIDERATIONS

Classification: **Disposed material is not typically considered a hazardous waste.**
Disposal Method: **Dispose in accordance with federal, state and local regulations.**

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14. TRANSPORT INFORMATION

DOT UN Status: **This material is not a regulated hazardous material for transportation.**

15. REGULATORY INFORMATION

CERCLA: **No CERCLA Reportable Quantity has been established for this material.**
SARA TITLE III: **Not an Extremely Hazardous Substance under §302. Not a Toxic Chemical under §313.**
TSCA: **All ingredients of this material are listed on the TSCA inventory.**
FDA: **Not applicable.**

16. OTHER INFORMATION

Prepared by: **Ned Schabel**

Supersedes revision of: **3/17/08**

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