

## MATERIAL SAFETY DATA SHEET

<b>SECTION 1: PRODUCT &amp; COMPANY INFORMATION</b>			
<b>Material Identification:</b> MicroGrip AD5-050 Anti-Skid Floor Media			
<b>Adsil, Inc.</b> <b>1901 Mason Avenue, Suite #101</b> <b>Daytona Beach, FL 32117</b>	<b>386-274-1382 PHONE</b> <b>386-274-1798 FAX</b> <b>CHEMTREC: 1-800-424-9300</b>		
<b>SECTION 2: OSHA HAZARDOUS INGREDIENTS</b>			
<u>C.A.S. Number</u>	<u>Wt%</u>	<u>Ingredients</u>	<u>Exposure Limits</u>
9003-07-0	100%	Polypropylene Homopolymer	ACGIH TWA – 5 mg/m <sup>3</sup>
<b>SECTION 3: HAZARDS IDENTIFICATION</b>			
<b>NFPA/HMIS Rating:</b> Health 1, Flammability 1, Reactivity 0			
<b>Primary Routes of Entry:</b> Skin Contact, Eye Contact, Inhalation, Ingestion			
<b>Effects of Overexposure:</b>			
<b>Skin:</b>	Negligible dermal irritant. Exposure may lead to itching, drying and irritation of skin.		
<b>Eyes:</b>	Solid particulates may cause mechanical eye irritation.		
<b>Inhalation:</b>	Treat powder as a nuisance dust. Keep dust levels below 5 mg/m <sup>3</sup> for irrespirable fraction and 10 mg/m <sup>3</sup> for total dust ACGIH/TWA OSHA PEL. Material exposure may cause dizziness, headache, respiratory irritation or unconsciousness.		
<b>Ingestion:</b>	Generally non-toxic unless large quantities are ingested.		
<b>SECTION 4: FIRST AID MEASURES</b>			
<b>Skin Contact:</b> For skin irritation, wash skin with soap and water. Use emollient skin cream.			
<b>Eye Contact:</b> Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.			
<b>Inhalation:</b> Treat as nuisance dust. Remove to fresh air and provide oxygen if breathing is labored.			
<b>Ingestion:</b> Induce vomiting only if large quantities are ingested. Seek medical attention.			
<b>Comments:</b> No specific advice. Treat according to symptoms present.			
<b>SECTION 5: FIRE FIGHTING MEASURES</b>			
<b>Flash Point:</b> > 530 <sup>0</sup> F / 277 <sup>0</sup> C			
<b>Fire Hazards:</b> Material can melt in proximity to fires causing slippery floors and stairs.			
<b>Unusual Fire Hazards:</b> When powder is suspended in air, this material could become flammable or explosive. In these circumstances, keep away from heat, sparks and open flame. Static charges on powder may ignite flammable atmospheres.			
<b>Extinguishing Media:</b> Carbon Dioxide; Dry Chemical; Fine Water Spray. Avoid water stream on molten, burning material as it may scatter and spread the fire.			
<b>Fire Fighting Procedures:</b> Wear full turn-out gear and NIOSH self-contained breathing apparatus. Watch footing on floors and stairs because of possible melting and spreading of material. Use water spray to keep containers cool.			
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>			
<b>Containment/Clean-up:</b> Sweep or vacuum up spilled powder. Collect in appropriate containers.			

**SECTION 7: HANDLING & STORAGE**

**Handling:** Normal handling; avoid spillage as loose powder can cause slippery conditions.

**Storage:** Store in a cool, dry area and away from heat, sparks and open flame. Store away from electrical panels and flammable liquids. Electrostatic charges, from non-conductive materials, is a natural phenomenon ranging from harmless to a nuisance hazard, depending on the degree of charging and the environment where the discharge takes place. In the case of micronized polymers, very high levels of static electricity can develop in manufacture, transportation and handling. These products, being poor conductors of electricity, can hold a static charge for long periods of time. With this caution in mind, a great deal of care should be exercised when handling this type of powder in or around flammable liquids, particularly if the liquid is at or near its flashpoint. NOTE: The generation of static electricity cannot be prevented because its intrinsic origins are present at every particle interface.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Skin Protection:** Wear latex or nitrile gloves to avoid repeated or prolonged contact with skin.

**Eye Protection:** Wear safety goggles, at minimum.

**Respiratory Protection:** Wear a NIOSH approved dust respirator when handling.

**Protective Equipment:** As needed to prevent repeated or prolonged contact with skin.

**Personal Hygiene:** Wash skin with soap and water after handling and before eating, drinking or smoking. Launder contaminated clothing before reuse.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

**pH:** N/A (non-aqueous).

**Physical State:** Solid

**Solubility in water:** None.

**Appearance:** Semi-opaque white micro-powder.

**Odor:** Slight Waxy Odor.

**Solid Density:** 0.90 g/cc.

**Vapor Density:** Heavier than air.

**Melting Point:** 330° F / 166° C.

**SECTION 10: STABILITY & REACTIVITY**

**Stability:** Stable.

**Hazardous Polymerization:** Should not occur.

**Hazardous Decomposition:** Carbon Dioxide; Carbon Monoxide; Fumes; Smoke; Combustible Gases.

**Conditions to Avoid:** Extreme heat, sparks, open flame, electrical boxes or wiring.

**Materials to Avoid:** Strong oxidizing agents and amines.

**SECTION 11: TOXICOLOGICAL INFORMATION**

No information available.

**SECTION 12: ECOLOGICAL INFORMATION**

No information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of waste material according to all Local, State and Federal Regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT Information** (49 CFR 172.101)

**Proper Shipping Name:** POLYPROPYLENE HOMOPOLYMER

**Hazard Technical Name:** NON-HAZARDOUS

**Hazard Class:** Not Regulated.

**UN Number:** Not Regulated.

**Packing Group:** Not Regulated.

**SECTION 15: REGULATORY INFORMATION**

**EPA SARA Title III Chemical Listings:**

**Section 302 CERCLA Extremely Hazardous Substances:** None.

**Section 304 CERCLA Hazardous Substances:** None.

**Section 312 Hazard Class:**

Acute: Yes (irritant)

Chronic: No

Fire: No

Pressure No:

Reactive: No

**Section 313 Toxic Chemicals:** None.

**Other U.S. State Regulations:**

**California Proposition 65:** This product does not contain any chemicals listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 as being known to cause cancer, birth defects or other reproductive harm. None.

**Massachusetts:** This material contains no listed components.

**New Jersey Right-to-Know:** This material contains no listed components.

**Pennsylvania Right-to-Know:** This material contains no listed components.

**Canadian Regulations:** This product has been classified by raw material suppliers in accordance with the Hazard Criteria of the CPR and the MSDS contains all the information required by CPR.

**Canadian WHMIS:** None.

**Canadian DSL Status:** This material or its components are listed on the Canadian Domestic Substances List.

**Canadian Ingredient Disclosure List:** This material contains no listed components.

**Revision Date:** January 2010

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