

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION			
Material Identification: MicroPlus™ Anti-Skid Floor Media Additive AD5-050			
Adsil, Inc. 1901 Mason Avenue, Suite 101 Daytona Beach, FL 32117		386-274-1382 PHONE 386-274-1798 FAX CHEMTREC: 1-800-424-9300	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
<u>C.A.S. Number(s)</u>	<u>Wt%</u>	<u>Components</u>	<u>Exposure Limits</u>
9003-07-0	100%	Polypropylene homopolymer	ACGIH/TWA - 5 mg/m3
NFPA/HMIS Code: Health 1, Flammability 1, Reactivity 0			
SECTION 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: N/A (non-aqueous) Physical State: Solid Appearance: Semi-opaque white micro-powder Density: 0.90 g/cc Odor: Slight wax odor Vapor Pressure: Nil Vapor Density: Heavier than air Boiling Point: N/A Melting Point: 330° F., 166° C. VOC Content: Zero</p>			
SECTION 4: FIRE & EXPLOSION HAZARD OF MATERIAL			
<p>Flash Point: >530° F., 277° C. Fire Hazards: Material can melt in proximity to fires, causing slippery floors and stairs. Unusual Fire Hazards: When powder is suspended in air, these products could become flammable or explosive. In these circumstances, keep away from heat, sparks and open flames. Static charges on powders may ignite flammable atmospheres. Extinguishing Media: Carbon Dioxide, Dry Chemical or Fine Water Spray. Avoid water stream on molten, burning material as it may scatter and spread the fire. Fire Fighting Procedures: Wear self-contained breathing apparatus and NIOSH approved protective clothing. Watch footing on floors and stairs because of possible melting and spreading of material. Use water spray to keep containers cool.</p>			
SECTION 5: HEALTH & HAZARD DATA			
<p>Eye Contact: Particulates may cause mechanical eye irritation. Flush eyes with large amounts of clean water for at least 15 minutes. Skin Contact: Negligible dermal irritant. Exposure may lead to itching, scaling, drying & irritation of skin. Inhalation: Treat powder as a nuisance dust. Keep dust level below 5 mg/m3 for respirable fraction and 10 mg/m3 for total dust ACGIH/TWA. OSHA PEL: Material exposure may cause dizziness, headache, respiratory irritation or unconsciousness. Ingestion: Generally non-toxic unless large quantities are ingested. Signs & Symptoms of Exposure: No significant health hazard is expected from exposure to product. Special Hazards: Carcinogens – none known Teratogens – none known Mutagens – none known Reproductive Toxins – none known</p>			

SECTION 6: FIRST AID MEASURES

Eyes: Flush with copious amounts of water for at least 15 minutes. If irritation persists, consult a physician.
Skin: For skin irritation, wash skin with water and use emollient skin cream.
Inhalation: Treat as nuisance dust. Remove victim to fresh air and provide oxygen if breathing is labored.
Oral: Induce vomiting only if large quantities are ingested. Do not give anything to an unconscious person.
Comments: No specific advice. Treat according to symptoms present.

SECTION 7: REACTIVITY DATA

Stability: Stable at normal ambient conditions.
Hazardous Polymerization: Should not occur.
Hazardous Decomposition Products: Fumes, smoke, carbon dioxide, carbon monoxide and combustible gases may be generated.
Conditions to Avoid: Extreme heat, sparks and open flame.
Materials to Avoid: Strong oxidizing agents and amines.

SECTION 8: LEAK OR SPILL INFORMATION

Containment/Clean-up: Steps to be taken in case material is released or spilled: Wear recommended personal protective equipment. Remove ignition sources. Sweep up with a minimum of dusting. Keep away from heat or flame. Collect in containers; fiberboard drums or cartons. If hot liquid, attempt to confine spill and let the polymer re-solidify. Once solid, it may be recovered as the powder. Report major spills to the appropriate local, state and/or federal government agencies.

SECTION 9: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use a NIOSH approved dust respirator when handling.
Gloves: Wear latex gloves to avoid repeated or prolonged contact with skin contact.
Eye Protection: Wear safety goggles when handling in dusty conditions.
Protective Equipment: As needed to prevent repeated or prolonged contact.
Personal Hygiene: Wash skin thoroughly with soap and warm water after handling or before smoking, eating or applying makeup. If clothes become contaminated, change to clean clothing. Do not wear contaminated clothing until properly laundered.

SECTION 10: TRANSPORT INFORMATION

DOT Information (49 CFR 172.101)
Proper Shipping Name: Polypropylene Homopolymer
Hazard Technical Name: Non-Hazardous
Hazard Class: N/A
UN Number: N/A
Packing Group: N/A

SECTION 11: HANDLING & STORAGE

Handling & Storage: Normal handling; Avoid spillage, loose powder can cause slippery conditions. Use good personal hygiene and housekeeping.

Electrostatic charges of non-conductive materials is a natural phenomenon ranging from harmless, to a nuisance, to a 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 develop in manufacture, transportation and handling. These products, being poor conductors of electricity, can and will hold a static charge for long periods of time. With this in mind, a great deal of care should be exercised when handling this type of product in or around flammable liquids, particularly if the liquid is at or near its flashpoint. The generation of static electricity cannot be prevented because its intrinsic origins are present at every particle interface.

SECTION 12: REGULATORY INFORMATION

EPA SARA Title III Chemical Listings: Non-Hazardous

Section 304 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

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

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