MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

N/A = Not applicable Revised 02/12/2009

SECTION 1 - PRODUCT IDENTIFICATION

Trade Name: KiwiGrip anti-slip coating

Product I.D.# & Color: KiwiGrip, White, 4 liter and 1 liter cans
Product Class: Aqueous Acrylic Polymer
Supplier's Name: Pachena, L.L.C
Telephone #: (360) 528-1011 Fax #: (360) 493-0458
Address: 11025 Lakeside Ave NE, Seattle, WA 98125
Emergency Phone (MSDS Information): (360) 528-1011
D.O.T. Emergency Phone Number: 1-800-424-8802
US DOT Hazard Shipping Class: Not regulated - aqueous
D.O.T. Labels/Placards Required: No
OSHA Class: 29 CFR 1910.1200 Non-hazardous
SARA TITLE III Emergency & Community Right to Know:
Section 311/312 Categorizations (40 CFR 370): Not a hazardous chemical
Section 313 Information (40 CFR 372): This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.
Application: By brush and/or roller

SECTION 2 - INGREDIENTS

Chemical Entity	CAS #	Weight %
Aqueous Acrylic Polymer Vapor Pressure 17 mm Hg @ degC	Not Available	20-50%
Calcium Carbonate	1317-65-3	10-20%
Barium Sulphate (can contain Crystalline Silica)	7727-43-7 (14808-60-7)	10-20%
Titanium Dioxide	13463-67-7	10-20%
Oxygenated Solvent Vapor Pressure 0.01 mm Hg @ degC	112-34-5	0-5%

Suspected Cancer Agents: Federal OSHA: No NTP: No IARC: No None known.
HMIS Codes: H-1 F-0 R-0 P-B

SECTION 3 - PHYSICAL DATA

Physical Description: White medium viscosity liquid

Boiling Point/Melting Point degC:	>100
% Volatile by Weight:	37.93
LBS/GAL Theoretical:	11.85 +or- 0.25
Solubility in Water:	Totally Miscible
Vapor Pressure, mmHg @ 20degC:	N/A
VOC Material:	41 g/l, 0.34 lb/gal
Specific Gravity (H20 = 1):	1.42

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point: N/A
Flammable limits in air, volume % - lower LEL: N/A **Upper UEL**: N/A
Autoignition Temp: N/A
Fire Extinguishing Media: Water, carbon dioxide, dry chemical, foam
Personal Protective Equipment: Wear full body protective clothing and self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Burning material may produce toxic vapor such as Carbon monoxide and Carbon dioxide. Burning material may splatter.

SECTION 5 - HEALTH HAZARD INFORMATION & FIRST AID

Threshold Limit Value: See Section 2 for hazardous ingredient information

Symptoms of Overexposure

Symptoms and Effects of Short Term Exposure: Acute. Primary route of entry:
Swallowing: Not considered to be toxic by ingestion, but may cause slight gastrointestinal irritation.
Inhalation: Spray mists may cause mild respiratory irritation.
Eye Contact: Liquid splashed into the eye may cause transient eye irritation.
Skin Absorption: None known.

Symptoms and Effects of Repeated Overexposure: Chronic - None known.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency & First Aid Procedures:
Inhalation: Remove from exposure. Provide plenty of fresh air.
Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Take to a physician for medical treatment if symptoms persist.
Splash (skin): Remove with soap and water. Remove contaminated clothing. Supply copious amounts of fresh water to the skin areas to rinse material away.
Ingestion (Swallowing): DO NOT INDUCE VOMITING. Only if conscious, give 2 glasses of milk or water to drink. Consult with physician, hospital emergency room, or poison control center immediately.
Notes to Physician: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

SECTION 6 - REACTIVITY DATA

Reactivity: Non-reactive
Stability: Stable
Flammability: Not flammable under normal conditions of use.
Incompatibility (materials to avoid): None known.
Hazardous Decomposition by-products: Carbon dioxide, Carbon monoxide.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Excess heat may cause containers to rupture. Avoid freezing conditions.

SECTION 7 - SPILL, DISPOSAL PROCEDURES; ENVIRONMENTAL DATA

Steps to be taken in case material is released or spilled: Confine in small area; contain and remove with inert absorbent (sand, earth, etc.). Place in proper container for proper disposal. Keep out of waterways, drains, and sewers. Keep spectators away. Floor may be slippery. Use care to avoid falling.
Waste Disposal Method: Place contaminated material in suitable sealedl containers for disposal. Do not incinerate closed containers. Use non leaking containers, seal tightly and label properly. Do not pour contaminated paint back into unused paint. Do not throw liquid paint into the trash. Where allowed by local laws (check with local regulatory agencies) allow liquid waste materials to dry out before disposing into trash containers. Take all liquid unused paint that cannot be used to approved recycling centers, paint roundups, or county facilities that are approved to take unused paint at collection sites. Contact state, county, city health services or fire departments to find nearest collection centers. Do not dispose of waste into water streams or storm water sewers. Do not mix with other kinds of waste. Dispose all waste in accordance with local, state and federal regulations.
RCRA Classification: As produced, this product is not a waste. If discarded as is, it is not classified a Hazardous waste under RCRA. This product is not ignitable, corrosive, reactive, or toxic; therefore is not defined as hazardous by the EPA.
Environmental Hazards: None known. Slightly toxic to aquatic organisms. Not biodegradable, but will bioaccumulate.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respirator is not required for normal application. If spraying in confined areas, use an appropriate, properly fitted NIOSH/MSHA approved respirator to remove spray mist. Good room (mechanical) ventilation should be sufficient protection against vapors from product. If further protection is desired or if persons are sensitive to vapors, use a respirator with a NIOSH/MSHA approval number TC-23C-860 or TC-23C-87 or an equivalent. Refer to OSHA 29 CFR 1910.134, Respiratory Protection.
Ventilation: General (mechanical) room ventilation or natural ventilation is expected to be satisfactory.
Protective Gloves: None required under most conditions. If protection is desired, plastic, nitrile or latex rubber will provide adequate protection.
Eye Protection: Safety glasses or goggles with side shields if splashing may occur. Use goggles when spraying, ANSI Z87.1 or approved equivalent.
Other Protection: Eye wash or copious amounts of water as a precautionary measure is suggested. Other equipment not likely to be needed. Wash with soap and water before eating, drinking, smoking, or using toilet facilities,

SECTION 9 - STORAGE & SPECIAL HANDLING

Storage Temperature: Store in original containers in a cool, well ventilated area, away from food and out of the reach of children. Keep container closed when not in use. Keep from freezing.