

**MATERIAL SAFETY DATA SHEET**

DATE OF PREPARATION: 3/27/07

**PRODUCT NAME: SLIP-GRIP (Base**

HMIS CODES  
 Health 3\*  
 Flammability 3  
 Reactivity 0

Slip Grip \* High Solids Enamel (Part A), Matte Finish (Base) Requires Part B Activator.

**MANUFACTURED FOR:** SPR International; Inc, 320-L Northpoint Pkwy, Acworth, GA 30102

INFORMATION TELEPHONE NO. 770-966-1331, **EMERGENCY Phone # 3-E 1-800-451-8346**

% by WT PRESSURE	Section 2 -- CAS No.	COMPOSITION/INFORMATION ON INGREDIENTS INGREDIENT	UNITS	VAPOR PRESSURE
2	100-41-4	Ethylbenzene		
		ACGIH TLV	100 ppm	7.1 mm
		ACGIH TLV	125 ppm STEL	
		OSHA PEL	100 ppm	
		OSHA PEL	125 ppm STEL	
1	1330-20-7	Xylene		
		ACGIH TLV	100 ppm	5.9 mm
		ACGIH TLV	150 ppm STEL	
		OSHA PEL	100 ppm	
		OSHA PEL	150 ppm STEL	
1	64742-95-6	Light Aromatic Hydrocarbons		
		ACGIH TLV	Not available	3.8 mm
		OSHA PEL	Not Available	
2	108-67-8	1,3,5-Trimethylbenzene		
		ACGIH TLV	25 ppm	2.03 mm
		OSHA PEL	25 ppm	
3	95-63-6	1,2,4-Trimethylbenzene		
		ACGIH TLV	25 ppm	2.03 mm
		OSHA PEL	25 nom	
2	111-76-2	Butoxyethanol		
		ACGIH TLV 20 ppm (Skin)		0.88 mm
		OSHA PEL 20 ppm (Skin)		

**Section 3 -- HAZARDS IDENTIFICATION**

**ROUTES OF EXPOSURE**

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist. **EFFECTS OF OVEREXPOSURE**

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation. INHALATION: Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

May cause allergic skin reaction in susceptible persons or skin sensitization.

**CANCER INFORMATION**

For complete discussion of toxicology data refer to Section 11.

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**Section 4 -- FIRST AID MEASURES**

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EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.  
SKIN: Wash affected area thoroughly with soap and water. If irritation persists or occurs later, get medical attention. Remove contaminated clothing and launder before re-use. INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.  
INGESTION: Do not induce vomiting.  
Get medical attention immediately.

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**Section 5 -- FIRE FIGHTING MEASURES**

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FLASH POINT LEL UEL  
85 F PMCC 0.7 10.6 FLAMMABILITY CLASSIFICATION  
RED LABEL -- Flammable, Flash below 100 F EXTINGUISHING MEDIA  
Carbon Dioxide, Dry Chemical, Foam UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions.  
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**

Full protective equipment including self-contained breathing apparatus should be used.  
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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**Section 6 -- ACCIDENTAL RELEASE MEASURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

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**Section 7 -- HANDLING AND STORAGE**

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**STORAGE CATEGORY**

DOL Storage Class IC

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Contents are FLAMMABLE. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.  
Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use.  
Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

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**Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.  
This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

**VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**

Wear safety spectacles with un-perforated side shields. **OTHER PROTECTIVE EQUIPMENT**

Use of barrier cream on exposed skin is recommended. **OTHER PRECAUTIONS**

This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.** Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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**Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

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PRODUCT WEIGHT	12.52 lb/gal	1500 g/1
SPECIFIC GRAVITY	1.51	
BOILING POINT	277 - 360 F	136 - 182 C
MELTING POINT	Not Available	
VOLATILE VOLUME	43 0	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)		
3.14 lb/gal	377 g/1	Less Water and Federally Exempt Solvents
3.14 lb/gal	377 g/1	Emitted <<TOC

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**Section 10 -- STABILITY AND REACTIVITY**

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STABILITY -- Stable CONDITIONS TO AVOID None known. INCOMPATIBILITY None known.

**HAZARDOUS DECOMPOSITION PRODUCTS**

By fire: Carbon Dioxide, Carbon Monoxide **HAZARDOUS POLYMERIZATION** Will not occur

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**Section 11 -- TOXICOLOGICAL INFORMATION**

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**CHRONIC HEALTH HAZARDS**

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, blood forming and reproductive systems.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Continued on page 5

**PRODUCT NAME: SLIP-GRIP MSDS**

TOXICOLOGY DATA  
CAS No.

	Ingredient Name			
100-41-4	Ethylbenzene			
	LC50	RAT	4HR	Not Available
	LD50	RAT		3500 mg/kg
1330-20-7	Xylene			
	LC50	RAT	4HR	5000 ppm
	LD50	RAT		4300 mg/kg
64742-95-6	Light Aromatic Hydrocarbons			
	LC50 RAT		4HR	Not Available
	LD50	RAT		Not Available
108-67-8	1,3,5-Trimethylbenzene			
	LC50 RAT		4HR	Not Available
	LD50	RAT		Not Available
95-63-6	1,2,4-Trimethylbenzene			
	LC50 RAT		4HR	Not Available
	LD50	RAT		Not Available
111-76-2	2-Butoxyethanol			
	LC50	RAT	4HR	Not Available
	LD50	RAT		470 mg/kg
Proprietary	Polyamide			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
13463-67-7	Titanium Dioxide			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available

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**Section 12 -- ECOLOGICAL INFORMATION**  
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ECOTOXICOLOGICAL INFORMATION No data available.

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**Section 13 -- DISPOSAL CONSIDERATIONS**  
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WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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**Section 14 -- TRANSPORT INFORMATION**  
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No data available.

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**Section 15 -- REGULATORY INFORMATION**  
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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
100-41-4	Ethylbenzene	2	
1330-20-7	Xylene	13	
95-63-6	1,2,4-Trimethylbenzene	3	
	Glycol Ethers	2	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. TSCA CERTIFICATION  
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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**Section 16 -- OTHER INFORMATION**  
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This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

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Note from SPR International Inc.: The product, if used in a confined area and in concentrated amounts, could be a cause for some concern, however, this product has been used to treat walking surfaces such as bathtub bottoms or ceramic tile floors with a high degree of success. When dried it is not harmful to animals, or humans in any way. SPR International Inc. has not had any loss associated with its use nor have any of its dealers or applicators from its use.