

MATERIAL SAFETY DATA SHEET

02/08/2012

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

HMIS CODES
 Health 3*
 Flammability 3
 Reactivity 0

PRODUCT NAME: Slip Grip (Activator)

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

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

INFORMATION TELEPHONE NO. 770-9661, **EMERGENCY Phone # 3-E 1-800-451-8346**

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2	100-41-4	Ethylbenzene		7.1
		ACGIH TLV	100 ppm	
		ACGIH TLV	125 ppm STEL	
		OSHA PEL	100 ppm	
13	1330-20-7	Xylene		5.9
		ACGIH TLV	100 ppm	
		ACGIH TLV	150 ppm STEL	
		OSHA PEL	100 ppm	
2	64742-95-6	Light Aromatic Hydrocarbons		3.8
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
		OSHA PEL	150 ppm STEL	
2	108-67-8	1,3,5-Trimethylbenzene		
		ACGIH TLV 25 ppm		
3	95-63-6	1,2,4-Trimethylbenzene		2.03
		ACGIH TLV 25 ppm		
2	2426-08-6	Butyl Glycidyl	Ether	0.6
		ACGIH TLV	25 ppm	
		OSHA PEL	50 ppm	
28	Proprietary	Epoxy Polymer		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
0.1	14808-60-7	Quartz		
		ACGIH TLV	0.05 mg/m3 as Resp. Dust	
		OSHA PEL	0.1 mg/m3 as Resp. Dust	
3	112926-00-8	Amorphous Precipitated Silica		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	6 mg/m3 as Dust	

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22	471-34-1	Calcium Carbonate		
		ACGIH TLV	10mg/m3	as Dust
		OSHA PEL	15mg/m3	Total Dust
		OSHA PEL	5mg/m3	Respirable Fraction
4	7727-43-7	Barium Sulfate		
		ACGIH TLV	10mg/m3	as Dust
		OSHA PEL	10mg/m3	Total Dust
		OSHA PEL	5mg/m3	Respirable Fraction

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.

Section 4 – FIRST AID MEASURES

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.

Section 5 – FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
98 F PMCC	0.7	7.0

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.

Section 6 -- ACCIDENTAL RELEASE MEASURES

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

Section 7 -- HANDLING AND STORAGE

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.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

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/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (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.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	11.46 lb/gal	1372 g/l
SPECIFIC GRAVITY	1.38	
BOILING POINT	277 - 360 F	136 - 182 C
MELTING POINT	Not Available	
VOLATILE VOLUME	37 °	

EVAPORATION RATE VAPOR DENSITY SOLUBILITY IN WATER VOLATILE ORGANIC COMPOUNDS 2.72 lb/gal
 326 g/l
 2.72 lb/gal 326 g/l
 Slower than ether Heavier than air N.A.
 (VOC Theoretical)
 Less Water and Federally Emitted VOC
 Exempt Solvents

Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable CONDITIONS TO AVOID None known. INCOMPATIBILITY None known. HAZARDOUS DECOMPOSITION PRODUCTS By fire: Carbon Dioxide, Carbon HAZARDOUS POLYMERIZATION Will not occur Monoxide

Section 11 -- TOXICOLOGICAL INFORMATION

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.

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage

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

2426-08-6	LD50 RAT Butyl Glycidyl Ether	Not Available
	LC50 RAT 4HR	Not Available
	LD50 RAT	Not Available
Proprietary	Epoxy Polymer	
	LC50 RAT 4HR	Not Available
	LD50 RAT	Not Available
14808-60-7	Quartz	
	LC50 RAT 4HR	Not Available
	LD50 RAT	Not Available
112926-00-8	Amorphous Precipitated Silica	
	LC50 RAT 4HR	Not Available
	LD50 RAT	4999 mg/kg
471-34-1	Calcium Carbonate	
	LC50 RAT 4HR	Not Available
	LD50 RAT	Not Available
7727-43-7	Barium Sulfate	
	LC50 RAT 4HR	Not Available
	LD50 RAT	Not Available

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
 No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

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.

Section 14 -- TRANSPORT INFORMATION

No data available.

Section 15 -- REGULATORY INFORMATION

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	

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.

Section 16 -- OTHER INFORMATION

Disclaimer of Liability

The information provided in this MSOS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.

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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.