



SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	1116	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SURE GRIP - BLACK	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Anti-skid Epoxy Coating	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification				
GHS CLASSIFICATION: Flammable Aerosols 1 H222: Extremely flammable aerosol. Pressurized Gas H280: Contains gas under pressure; may explode if heated. Eye Irritant 2A H319: Causes serious eye irritation. STOT SE 3 H336: May cause drowsiness or dizziness. STOT SE 2 H373: May cause damage to organs through prolonged or repeated exposure.	SIGNAL WORD: DANGER	SYMBOL:		
HAZARD STATEMENTS: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.				
PRECAUTIONARY STATEMENTS: Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Storage: Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.				

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
Acetone	67-64-1	25 - 50
Propane	74-98-6	10 - 15
n-butane	106-97-8	5 - 10
Xylene (mix)	1330-20-7	≥5 - <10
PM acetate	108-65-6	5 - 10
Methyl Isobutyl Ketone	108-10-1	≥5-<10
Calcium Carbonate	1317-65-3	1 - 5
Silicon Dioxide	112926-00-8	1 - 5
Ethyl Benzene	100-41-4	1 - 5
*Chemical characterization: Mixtures Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.		

4. First Aid Measures
EMERGENCY OVERVIEW EYES: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. SKIN: Remove contaminated clothing. Wash exposed area with soap and water. INHALATION: Supply fresh air; consult doctor in case of complaints. INGESTION: Rinse mouth with water. Do not induce vomiting. MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Dizziness. INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: No further relevant information available.

5. Fire-Fighting Measures
SUITABLE FIRE EXTINGUISHING MEDIA: CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray. SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Can form explosive gas-air mixtures. SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: A respiratory protective device may be necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use respiratory protective device against the effects of fumes/dust/aerosol.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

Absorb liquid components with liquid-binding material.

7. Handling and Storage

SAFE HANDLING:

Use only in well ventilated areas.

SAFE STORAGE AND INCOMPATIBILITIES:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8. Exposure Controls / Personal Protection

Components with Limit Values that Require Monitoring at the Workplace:

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
	REL	Long-term value: 590 mg/m ³ , 250 ppm
	TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI
Propane (CAS 74-98-6)	PEL	Long-term value: 1800 mg/m ³ , 1000 ppm
	REL	Long-term value: 1800 mg/m ³ , 1000 ppm
	TLV	refer to Appendix F in TLVs & BEIs book; D, EX
n-butane (106-97-8)	REL	Long-term value: 1900 mg/m ³ , 800 ppm
	TLV	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)
Xylene (mix) (CAS 1330-20-7)	PEL	Long-term value: 435 mg/m ³ , 100 ppm
	REL	Short-term value: 655 mg/m ³ , 150 ppm
	TLV	Long-term value: 435 mg/m ³ , 100 ppm
		Short-term value: 651 mg/m ³ , 150 ppm
Acetate PM (108-65-6)	WEEL	Long-term value: 50 ppm
	Methyl Isobutyl Ketone (CAS 108-10-1)	PEL
REL		Short-term value: 300 mg/m ³ , 75 ppm
TLV		Long-term value: 205 mg/m ³ , 50 ppm Short-term value: 307 mg/m ³ , 75 ppm Long-term value: 82 mg/m ³ , 20 ppm BEI
Silicon Dioxide (112926-00-8)	PEL	(USA) 20mppcf or 80mg/m ³ /%SiO ₂
	REL	(USA) Long-term value: 6 mg/m ³
	TLV	See Pocket Guide App. C TLV withdrawn
Ethyl Benzene (CAS 100-41-4)	EL	Long-term value: 20 ppm IARC 2B
	PEL	Long-term value: 435 mg/m ³ , 100 ppm
	REL	Short-term value: 545 mg/m ³ , 125 ppm
	TLV	Long-term value: 435 mg/m ³ , 100 ppm Long-term value: 87 mg/m ³ , 20 ppm BEI

Ingredients with Biological Limit Values:

Acetone (CAS 67-64-1)	BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
Xylene (mix) (CAS 1330-20-7)	BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
Methyl Isobutyl Ketone (CAS 108-10-1)	BEI	1 mg/L Medium: urine Time: end of shift Parameter: MIBK
Ethyl Benzene (CAS 100-41-4)	BEI	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative) - Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Tightly sealed goggles.

Skin Protection: Hand protection: Nitrile gloves. The glove material must be impermeable and resistant to the substance.

Respiratory Protection: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

General Hygiene Considerations: Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin. Do not eat or drink while working.

9. Physical & Chemical Properties

Appearance:	Aerosol.	Flammability(solid/gas):	Extremely flammable.
Odor:	Aromatic.	Explosive Limit-Lower (%):	1.7 Vol%
Odor Threshold:	Not determined.	Explosive Limit-Upper (%):	10.9 Vol%
pH:	Not determined.	Vapor Density:	Not determined.
Melting Point/Range:	Undetermined.	Vapor Pressure:	Not determined.
Boiling Point:	-44°C (-47.2°F)	Solubility:	Not determined.
Viscosity:	Not determined.	Auto-Igniting:	Product is not self-igniting
Flash Point:	-19°C (-2.2°F)	Decomposition Temp:	Not determined.
Water:	0.0%	Partition Coeff(n-octanol/water):	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)	Danger of Explosion:	In use, may form flammable/explosive vapour-air mixture.
Evaporation Rate:	Not applicable.		

10. Stability & Reactivity Information**REACTIVITY:**

Stable at normal temperatures.

CHEMICAL STABILITY:

Not fully evaluated.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

CONDITIONS TO AVOID:

Do not allow can to exceed 120°F. Do not warehouse in subfreezing temperatures.

INCOMPATIBLE MATERIALS:

No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

Eyes: Irritating effect.

Skin: No irritant effect.

Inhalation: May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Ingestion: Expected to be a low ingestion hazard.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

ACUTE TOXICITY:

Narcotic effects.

Components	Species	Test Results
Xylene (Mix) (CAS -64-1)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2,000 mg/kg
<i>Inhalation</i>		
LC50	Rat	6,350 mg/l (4h)
<i>Oral</i>		
LD50	Rat	8700 mg/kg
PM Acetate (CAS 108-65-6)		
Acute		
<i>Inhalation</i>		
LC50	Rat	35.7 mg/l (4h)
<i>Oral</i>		
LD50	Rat	8,500 mg/kg

Methyl Isobutyl Ketone (CAS 108-10-1)

Acute

Dermal

LD50 Rabbit 16,000 mg/kg

Inhalation

LC50 Rat 8.3-16.6 mg/l

Oral

LD50 Rat 2,100 mg/kg

Ethyl Benzene (CAS 100-41-4)

Acute

Dermal

LC50 Rabbit 17,800 mg/kg

Oral

LD50 Rat 3,500 mg/kg

SENSITIZATION:

No sensitizing effects known.

INFORMATION ON TOXICOLOGICAL EFFECTS:

No data available.

12. Ecological Information

AQUATIC TOXICITY:

Hazardous for water, do not empty into drains.

PERSISTENCE AND DEGRADABILITY:

The product is degradable after prolonged exposure to natural weathering processes.

OTHER INFORMATION:

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14. Transportation Information

DOT: UN Number: UN1950

DOT: N/A

DOT: Consumer Commodity ORM-D

Aerosols, flammable

ADR: 1950 Aerosols

Transport hazard class(es):

Class: 2.1

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

Packaging Group: --

UN "Model Regulation": UN 1950 AEROSOLS, 2.1 Not applicable.



15. Regulatory Information

US FEDERAL REGULATIONS:

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

Chemical Name	CAS Number	% by wt.
Methyl Isobutyl Ketone	108-10-1	2.5 - 10
Xylene	1330-20-7	2.5 - 10
Ethyl Benzene	100-41-4	1 - 2.5

Toxic Substances Control Act

(TSCA): All hazardous ingredients are found on the inventory list of substances.

Canadian Domestic Substances List

(DSL): All ingredients are listed or exempted.

Consumer Product Safety

Commission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

108-10-1 methyl isobutyl ketone

100-41-4 ethyl benzene

1333-86-4 Carbon black

Prop 65 chemicals known to cause birth defects or reproductive harm:

108-10-1 methyl isobutyl ketone

EPA:

67-64-1 Acetone

1330-20-7 xylene (mix)

108-10-1 methyl isobutyl ketone

100-41-4 ethyl benzene

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.