



# PEREGRINE CHEMICAL

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## CONCRETE FRICTION BLOCK - MATERIAL SAFETY DATA SHEET MSDS No. P9519

### Section I – Product Identification

Manufacturer - Peregrine Chemical  
Transportation Emergency: Call "CHEMTREC" 800-424-9300 (US & Canada)  
Effective Date – 1-1-02  
Trade Name – Friction Block  
Synonym – Plasticizer  
Chemical Family – Proprietary Information product is non-toxic, non-hazardous to health, non-deleterious to concrete.  
CAS No – Mixture  
MIS Hazard Rating –

Health	1	4 = Extreme
Fire	1	3 = High
Reactivity	0	2 = Moderate
Personal Protection	0	1 = Slight
(glasses,gloves,apron)		0 = Insignificant

### Section II – Hazardous Ingredients

<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>ACGIH/TWA</u>	<u>OSHA/STEL</u>	<u>OTHER</u>
Chemical	111-42-2	1.0	3 ppm	15mg/m3	Not Listed
Plasticizer					

### Section III = Physical Data

Boiling Point (deg F)	Not Applicable	Specific Gravity (H2O-1)	1.0
Melting Point (deg F)	Not Applicable	Evaporation Rate	NA
Vapor Pressure (mm/hg)	Less than 1	Solubility in Water	Soluble
Vapor Density (air=1)	Not Applicable	Appearance/Odor	Clear light yellow
PH	8.8 to 9.8		liquid/amine

### Section IV – Fire and Explosion Hazard Data

Flash Point (deg F).....200F  
Lower Explosion Limit.....Not Applicable  
Upper Explosion Limit.....Not Applicable  
Extinguishing Media.....Water Spray, CO2, Foam, Sand, Earth  
Special Fire Fighting Procedures.....Fire fighters must be equipped to prevent breathing decomposed products  
Usual Fire Explosion Hazards.....None

### Section V – Health Hazard Data

Permissible Exposure Level....See section II for hazardous ingredients present in this product and corresponding TLV's.  
Effects of Over Exposure.....Eyes – Moderate burning and irritation  
Skin – Slight irritation

#### First Aid Procedures:

Eye Contact – flush immediately with copious amounts of water for at least 15 minutes. Consult Physician.  
Skin Contact – Wash with soap and water, remove contaminated clothing and wash.  
Ingestion – Should not be a physiological hazard. Do not induce vomiting, give large amounts of water followed by milk. See Physician.  
Inhalation – Not Applicable.

## **Section VI – Reactivity Data**

Chemical Stability.....Stable  
Conditions to Avoid.....Extremely high temperatures  
Incompatible Materials.....Strong oxidizing agents  
Hazardous Decomposition Products...CO, CO<sub>2</sub>, Oxides of Nitrogen  
Hazardous Polymerization.....Will Not Occur

## **Section VII – Spill or Leak Procedure**

For Large Spills.....Soak up with sand or sweeping compound and dispose as solid waste.  
For Small Spills.....Flush to industrial sewer.  
Waste Disposal.....In accordance with local, state and federal regulations.

## **Section VIII – Special Protection Information**

Respiratory Protection.....Not required  
Eye Protection.....Chemical Goggles  
Protective Gloves.....Required  
Ventilation.....Not required  
Other Protective Equipment.....Not required

## **Section IX – Special Precautions**

Precautions to be taken in Handling and Storage...Keep container closed, store between 40F & 120F.  
Other Precautions.....Keep from freezing.

## **Section X – Transportation Regulatory Information**

DOT Proper Shipping Name.....None	TSCA.....None
DOT Classification.....Cleaning Compound	SARA Title III.....CAS 111-42-2 at 1.0%
UN/UA Number.....None	CTFA Designation.....None
Hazard Label.....None	California Proposition 65.....None Detectable

**WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PEREGRINE CHEMICAL MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIM ALL LIABILITY FROM RELIANCE THEREON.**

## **Warranty**

The Research and Marketing departments of Peregrine Chemical warrant that all products are manufactured and formulated to exacting standards. If the material is found defective, Peregrine Chemical may, at its option, replace the defective material or refund the purchase price provided the purchaser has examined the material upon receipt and has promptly notified Peregrine Chemical prior to the material being applied. By using the product, purchaser agrees that no other remedy including, but not limited to, incidental or consequential damages, shall be available to the purchaser.

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