

# MATERIAL SAFETY DATA SHEET



## I PRODUCT IDENTIFICATION

**MANUFACTURED FOR:** PROBLEM SOLVING CORPORATION  
3741 Greenway Circle  
Lawrence, KS 66046

**EMERGENCY TELEPHONE NUMBERS:**  
**8:00 AM – 5:00 PM CST Monday-Friday:** 785/832-2926  
**NON-BUSINESS HOURS (INFOTRAC):** 800/535-5053

**PRODUCT TRADE NAME:** Composite Deck Protector

**MANUFACTURER'S NAME AND ADDRESS:** PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, KS 66046

## II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Oligomeric alkyl alkoxy siloxane	Proprietary*	Proprietary*	2,0,0-	None established	None established
Dipropylene Glycol Methyl Ether	(DPM)	034590-94-8	0,2,0,-	Not established	Not established

\* Specific chemical identity withheld pursuant to OSHA regulations.

## III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Oligomeric alkyl alkoxy siloxane	ND	ND	ND	ND
Dipropylene glycol methyl ether	374°F	.41 (@25°C)	5.14	.02

  

	SPECIFIC GRAVITY	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Composite Deck Protector	1.000	Complete	White liquid, slight odor

## IV FIRE AND EXPLOSION HAZARD DATA

### EMERGENCY OVERVIEW

PSC Composite Deck Protector is a white liquid with a slight odor. May cause skin and eye irritation on contact. Inhalation of mist may cause nasal, throat, or lung irritation. Repeated skin contact may cause allergic skin reaction.

**FLASH POINT (METHOD):** > 212 °F

**FLAMMABLE LIMITS:** Not determined.

**EXTINGUISHING MEDIA:** Water, carbon dioxide, dry chemical, dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. Evacuate personnel to a safe area. Avoid breathing decomposition products.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No unusual fire or explosion hazards are anticipated. See hazardous decomposition section for products of combustion in Section VI.

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## V HEALTH HAZARD DATA

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**PRIMARY ROUTES OF EXPOSURE:** Skin, eyes, inhalation.

**CARCINOGEN INFORMATION:** None of the components present in this material at concentrations equal to or greater than .1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Respiratory diseases including asthma and bronchitis.

**EFFECTS OF OVER EXPOSURE:** This product is expected to have low oral toxicity and slight to moderate dermal toxicity based on animal testing of a similar product. A single ingestion exposure to this similar product, given to rats, caused nonspecific effects such as weight loss and irritation; repeated ingestion produced enlarged livers, a decreased rate of weight gain, decreased red blood cell count, and increased cholesterol and alkaline phosphatase. Tests have shown that this product does not cause genetic damage in bacterial or mammalian cell cultures, or in animals.

**EYE CONTACT:** May cause irritation with tearing, discomfort, or blurring of vision.

**SKIN CONTACT:** May cause irritation with discomfort or rash. Repeated skin contact may cause allergic skin sensitization.

**INHALATION:** Inhalation of large amounts of respirable particles may be toxic to the lungs. Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

**INGESTION:** Ingestion may cause irritation of the digestive tract with stomach pain, heartburn, nausea, vomiting, or diarrhea; however, there may be no symptoms at all.

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately flush exposed areas with water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get immediate medical attention. If physician is not immediately available continue flushing with water.

**SKIN CONTACT:** Immediately flush exposed area with large amounts of soap and water. If irritation persists, get medical attention.

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**INGESTION:** Call a physician immediately. Immediately give two glasses of water, only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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## VI REACTIVITY DATA

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**STABILITY:** Stable at normal temperatures and storage conditions.

**CONDITIONS TO AVOID:** Store in a well ventilated place. Keep container tightly closed. Freezing will affect physical condition but will not damage product. Thaw and mix before using. Keep away from open flames and heated surfaces.

**INCOMPATIBILITY (MATERIALS TO AVOID):** None reasonably foreseeable.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, hydrogen fluoride. Unidentified toxic vapors, gases, or particulates may be products of thermal decomposition. These products may cause severe eye, nose, throat, and lung irritation or toxic effects.

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## VII SPILL OR LEAK PROCEDURES

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES:** Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Cover with absorbent material. Collect spilled material. Place in closed container and seal.

**WASTE DISPOSAL METHODS:** This product does is not classified as a hazardous waste according to current USEPA standards, however, federal regulation does prohibit any liquid materials from being disposed of in a sanitary landfill. Product may be stabilized and disposed of in a sanitary landfill with permission of the operator. Alternatively, this material may be disposed as a 'special' waste in a regulated waste management facility. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

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## VIII SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** Avoid breathing of vapors, mists, or spray. Avoid breathing of airborne material. A NIOSH approved dust/mist respirator may be used to avoid inhaling airborne mists.

**VENTILATION:** Use with appropriate local exhaust ventilation. Provide appropriate local exhaust for heat curing. Curing ovens must be exhausted to outdoors or to a suitable emission control device. Use in a well-ventilated area. If exhaust ventilation is not adequate, use appropriate respiratory protection.

**PROTECTIVE CLOTHING:** Wear protective clothing such as rubber boots, PVC clothing, and plastic headgear as required to prevent prolonged skin contact depending on application methods and job-site conditions.

**PROTECTIVE GLOVES:** Nitrile rubber, neoprene rubber, natural rubber, or PVC should be worn as needed to prevent skin contact depending on application methods.

**EYE PROTECTION:** Avoid eye contact. Splash goggles or a face shield should be worn, as appropriate, to prevent eye contact. Do not wear contact lenses because they may contribute to the severity of an eye injury.

**OTHER PROTECTIVE EQUIPMENT:** Access to an eyewash and appropriate skin-drenching device is recommended. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.133 and 29 CFR 1910.132.

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## IX SPECIAL PRECAUTIONS

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**WORK PRACTICES:** Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces. **Do not atomize or create aerosols during application.** Pressure applications must be done at minimum effective pressure. Beware of wind drift. Always follow published application rates. See the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating, and drinking should be discouraged during the use of this product. Wash hands before breaks and at the end of a shift.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear appropriate safety equipment and clothing. Do not get in eyes, on skin, or on clothing. Never touch face with hands or gloves that may be contaminated with this product. Do not take internally. Avoid breathing mist.

Do not store containers on their sides. Store at room temperature. Keep containers tightly closed when not dispensing product. Treat empty containers as if they were full.

**OTHER PRECAUTIONS:** Do not get in eyes, on skin or on clothing. Do not take internally. Wash thoroughly after handling. Do not eat, drink, or smoke in work areas.

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## X REGULATORY INFORMATION

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**SHIPPING:** This product is classified as non-hazardous for domestic, air, and international shipping.

**NATIONAL MOTOR FREIGHT CLASSIFICATION:** NMFC # 33880 Sub 2      Class Rate: 55

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
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None listed.

**CALIFORNIA PROPOSITION 65:**      This product contains no chemicals listed under California's Proposition 65.

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**XI OTHER**

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**MSDS Status:**           **Date of Revision:** December 2, 2004  
**For Product Manufactured After:** N/A  
**Changes:** Updated Section III-Physical Data.  
**Item #:** PSC00003  
**Approved By:** Regulatory Department

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**DISCLAIMER:**

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **PROBLEM SOLVING CORPORATION and PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**DATE OF PREPARATION:** December 2, 2004