

MATERIAL SAFETY DATA SHEET

PROSOCO, Inc.



I PRODUCT IDENTIFICATION

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

EMERGENCY TELEPHONE NUMBERS:
8:00 AM - 5:00 PM CST Monday-Friday: 785/865-4200
NON-BUSINESS HOURS (INFOTRAC): 800/535-5053

PRODUCT TRADE NAME: Conservare® OH100 Consolidation Treatment

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Di-n-butyltindilaurate	(-)	77-58-7	1,3,0,-	Not established	Not established
Organic Tin Compound	(-)	-	Unknown	0.1 mg/m ³	0.1 mg/m ³
Ethyl Alcohol	(Ethanol)	64-17-5	3,3,0,-	1000 ppm	1000 ppm
Tetra ethyl silicate	(Ethyl Silicate)	78-10-4	2,2,0,-	10 ppm	100 ppm

* Contains some or all of the listed ingredients.

III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air=1)	EVAPORATION RATE (1=Butyl Acetate)
Di-n-butyltindilaurate	N/A	N/A	N/A	N/A
Organic Tin Compound	>401	0.2 (320°F)	N/A	Very Slow
Ethyl Alcohol	180	33 (68°F)	3.0	1.9
Tetra ethyl silicate	302	1.0 (68°F)	Unknown	Unknown

	SPECIFIC GRAVITY	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Conservare® OH100 Consolidation Treatment	0.997(@ 77°F)	Negligible	Clear liquid, alcohol odor

IV FIRE AND EXPLOSION HAZARD DATA

EMERGENCY OVERVIEW

Conservare® OH100 Consolidation Treatment is a clear liquid with a mild alcohol odor. It is a combustible liquid, remove all potential sources of ignition. Product may irritate skin upon contact and may cause lung damage if inhaled. Wear appropriate respiratory protection.

FLASH POINT (Method): 104°F (40°C) (closed cup)

FLAMMABLE LIMITS: Not determined.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol-resistant foam, sand or water-mist. Do not use direct water stream. Do not use direct water stream. Avoid accumulation of water as product will float.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including a NIOSH/MSHA approved self-contained breathing apparatus. Cool fire exposed containers, surrounding equipment and structures with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may accumulate in low areas or areas inadequately ventilated. Vapors may also travel along the ground to be ignited at location distant from handling site; flashback of flame to handling site may occur. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. As a result of hydrolysis, flammable vapors may accumulate in the container head space.

COMBUSTIBLE! Keep container tightly closed. Isolate from oxidizers, heat, and open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.

V HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Inhalation, skin, eyes.

CARCINOGEN INFORMATION: Not listed (OSHA, IARC, NTP).

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: This product is damaging to the liver and kidneys, and is also toxic to the lungs. Product also causes acute dermatitis and has a narcotic effect.

EFFECTS OF OVEREXPOSURE: Highly irritating to eyes. Moderately irritating to skin. High concentrations may produce anesthetic or narcotic effect. May cause kidney and liver damage and temporary disorder of sight.

EYE CONTACT: Liquid is highly irritating to the eyes. Vapors are also irritating. Possible moderate corneal injury and temporary disorder of sight.

SKIN CONTACT: Liquid is moderately irritating to the skin. Repeated, prolonged contact can result in defatting to the skin which may lead to dermatitis.

INHALATION: Breathing high vapor concentrations or prolonged breathing of lower concentrations can cause nose and throat irritation and may cause headache, dizziness and loss of consciousness.

INGESTION: Liquid ingestion may result in vomiting; aspiration of liquid into the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: If in eyes, flush with large amounts of water for 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get medical attention immediately.

SKIN CONTACT: Remove material with a waterless skin cleaner, then wash with plenty of soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention. Designate the product.

INGESTION: DO NOT INDUCE VOMITING! Get immediate medical attention. Designate the product. If vomiting occurs spontaneously, keep victim's head below hips to prevent breathing vomitus into lungs.

VI REACTIVITY DATA

STABILITY: Stable at ambient temperatures and atmospheric pressure

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials, acids, and alkalis, water

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, silicon dioxide and traces of incompletely burned hydrocarbons. Ethyl alcohol from hydrolysis.

VII SPILL OR LEAK PROCEDURES

SPILL, LEAK AND WASTE DISPOSAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing. Shut off source of leak only if safe to do so. Dike and contain to prevent migration to sewers, soil and surface and ground water. Remove with explosion-proof equipment. Soak up residue with a noncombustible absorbent such as clay or vermiculite; place in drums for proper disposal.

WASTE DISPOSAL METHODS: Dispose of in a facility approved under RCRA regulations for hazardous waste. Containers must be leak-proof and properly labeled.

VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Do not breath mists. Wear a NIOSH approved dust/mist respirator as necessary. If Threshold Limit Value (TLV) of the product or any component is exceeded, a NIOSH/MSHA jointly approved air-supplied respirator is advised in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient general and/or local exhaust ventilation to maintain exposure below TLV(s). Use explosion-proof ventilation as required to control vapor concentrations below the TLV(s). Ventilation may be required during product drying and curing.

PROTECTIVE CLOTHING: Wear protective clothing as required to prevent skin contact.

PROTECTIVE GLOVES: Wear solvent-resistant gloves, such as butyl rubber.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are recommended. Do not wear contact lenses because they may contribute to the severity of an eye injury.

OTHER PROTECTIVE EQUIPMENT: Solvent-resistant boots and headgear as required. An eyewash should be easily accessible from the work area. Access to a safety shower is recommended.

IX SPECIAL PRECAUTIONS

WORK PRACTICES: Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces. Do not atomize during application. Beware of wind drift. Over-application may contribute to fume problems. Always follow published application rates. See the Product Data sheet and label for specific precautions to be taken during use. **This product is combustible!** Always bond and ground containers during transfer. Eliminate all sources of ignition, even remote sources, as vapors may travel some distance. Smoking, eating and drinking should be prohibited during the use of this product. Wash hands before breaks and at the end of a shift.

This product will continue to evolve vapor during drying and ethyl alcohol during curing. Continue ventilation as needed during curing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from oxidizing materials, in a cool, dry place with adequate ventilation. Keep away from heat and open flames. Keep container tightly closed when not dispensing product. Wash up with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.

Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in the Data sheet must be observed.

Ground equipment to prevent accumulation of static charge. Containers must be bonded and grounded when pouring or transferring materials.

OTHER PRECAUTIONS: Environmental Hazards - Keep out of surface water and watercourses or sewers entering or leading to surface waters.

X REGULATORY INFORMATION

SHIPPING: This product is not regulated when shipped domestic ground in its original, complete packaging. The product is reclassified as a hazardous material for shipping by air, ocean, or in international commerce. Consult with PROSOCO's Regulatory Department for shipping information.

National Motor Freight Classification: NMFC#33980 Class Rate: 55

SARA 313 Reportable:

Chemical name	CAS	Upperbound Concentration % by Weight
None	-	-

XI OTHER

MSDS Status: **Date of Revision:** December 20, 2010
For Product Manufactured After: N/A – no formulary change
Changes: N/A. Regulatory Review for Canadian Customer. No formulary change.
Item No: 42015
Approved By: Regulatory Department

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. **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 20, 2010