PROFLEX™ PRODUCTS

MATERIAL SAFETY DATA SHEET
PRO-SEAL IMPREGNATING SEALER (PS64)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
COMPANY INFORMATION
Proflex Products, Inc.
Phone: 877-577-6353
Medical Emergency Phone Number (24 Hours): 1-888-853-1758
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300
DOT SHIPPING NAME: Petroleum Distillates Solution, Solution LABEL REQUIRED: Flammable
DOT/UN ID NO.: UN 1223 **DOT CLASS:** 3 **PACKING GROUP:** III

SECTION 2: INFROMATION ON HAZARDOUS INGREDIENTS

MATERIAL	C.A.S.	NO.	PEL	STEL	TLV	AELTWA
Petroleum Distillate	64742-49-9		NE		NE	100 ppm, 8 hr.
Fluornated Copolymer	Proprietary					

SECTION 3: HAZARDOUS INDENTIFCATION
EMERGENCY OVERVIEW: Flammable liquid.
POTENTIAL HEALTH EFFECTS:
EYE CONTACT: Causes irritation with discomfort, tearing or blurring of vision.
SKIN CONTACT: Frequent or prolonged contact may irritate and cause dermatitis or defatting of skin with itching, redness or rash. Low order of toxicity. Skin contact may aggravate an existing dermatitis condition. Petroleum distillates have been associated with skin sensitization in humans.
INHALATION: Inhaalation of Butyl Acetate may cause irritation of the nose and throat with sneezing, sore throat or runny nose, non-specific discomfort, such as nausea, headache or weakness. Repeated and/or prolonged exposure may cause central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness.
INGESTION: The major ingestion hazard of Butyl Acetate is aspiration (liquid entering the lungs during ingestion or vomiting)which may result in “chemical pneumonia” . Symptoms may include coughing, gasping, choking, shortness of breath, blueish discoloration of the skin, rapid breathing and heart rate, and fever. Pulmonary edema or bleeding, drowsiness, confusion, coma and seizures may occur in more serious cases. Symptoms may occur immediately or as late as 24 hours after exposure, depending on amount of chemical that has entered lungs. Inhalation of spray vapors or mist may cause nasal, throat or lung irritation. Inhalation of large amounts of respirable particles may be toxic to the lungs. Symptoms may be modest initially, followed in hours by severe shortness of breath requiring prompt medical attention.
CARINOGENICITY INFORMATION: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 4: FIRST AID MEASURES
SKIN: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation develops, seek medical attention.
EYE: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
INGESTION: If swallowed, DO NOT induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Keep victim at rest. Get prompt medical attention.
INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Call physician for prompt medical attention.

SECTION 5: FIRE FIGHTING MEASURES
FLASH POINT: 57o C (135o F) Method: Closed Cup
FLAMMABLE LIMITS: Lower: 1.7% Upper: 7.6%
EXTINGUISHING MEDIA: Foam, dry chemical, water spray, sand, and carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURE: Fire fighters should wear full protective clothing including a self-contained breathing apparatus (SCBA). Cool endangered container(s) with water.
UNUSUAL FIRE EXPLOSION HAZARD: This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.
AUTO IGNITION TEMPERATURE: >200o C (> 392 o F)
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen fluoride, gases or particles may be formed during combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES
SMALL SPILL: Wipe up small spills and drips. Discard in approved container, dike and absorb when necessary with inert material, such as vermiculite. Transfer to appropriate container for disposal.
FOR LARGE SPILLS: Eliminate all sources of ignition, i.e. pilot lights, flames, flares, static buildup, etc. Dike and absorb, to prevent spreading, with inert material, such as vermiculite. Transfer to appropriate container for disposal. Evacuate all personnel and all persons not wearing protective equipment until cleanup has been completed. Stop spill at source. Do not flush to stream, river or other bodies of water or sewer. This material, if being discarded, would be classified an hazardous ignitable waste and should be disposed of , only after solidification, in a facility authorized to receive waste according to federal, state and local regulations with inert material, such as vermiculite. Transfer to appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE
Keep away from sources of ignition, heat, sparks and flame. Use with adequate ventilation. Keep containers closed. Ground and bond equipment against static buildup when pouring, dispensing and mixing. Containers of this material may be hazardous when emptied. Since emptied containers may contain product residues, i.e. vapor, liquid and/or solid, all hazard precautions given in the data sheet must be observed.

MATERIAL SAFETY DATA SHEET
PRO-SEAL IMPREGNATING SEALER (PS64)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Use only with adequate ventilation. Vent heater or dryer fumes outside working area. In spray applications, use airless type pressure spray equipment at less than 60 psi. and exhaust ducts, drip pans or other design features to minimize exposure to mists and overspray.
RESPIRATORY PROTECTION: Use NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA also permits the use of other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety supplier). Engineering or administrative controls should be implemented to reduce exposure.
VENTILATION REQUIREMENTS: Designed and maintained to prevent buildup of vapors in excess of TLV or PEL (see Part 2). Proper authorities should be notified when product is used in a confined and habituated area.
EYE PROTECTION: Wear safety glasses or coverall chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses (consult your safety equipment supplier).
SKIN PROTECTION: Nitrile gloves, or equivalent. Impervious clothing and boots. Eye wash station and safety showers should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
BOILING POINT: 173 o C (343o F)
VAPOR PRESSURE: 0.66mbar@ 20 o C
VAPOR DENSITY: 0.968 @ 20 o C
SOLUBILITY IN WATER: None
FORM: Liquid
ODOR: Mild hydrocarbon
COLOR: Straw/yellow

SECTION 10: STABILITY AND REACTIVITY
CHEMICAL STABILITY: Stable at normal temperatures and storage conditions.
CONDITIONS TO AVOID: Avoid flames, welding arc, potential ignition sources or other high temperature sources which induce thermal decomposition.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials; carbon monoxide, carbon dioxide, hydrogen fluoride, toxic gasses or particles may be formed during combustion.
KEEP AWAY FROM: Strong oxidizers.

SECTION 11: ECOLOGICAL INFORMATION
Environmental Effects, N.D

SECTION 11: DISPOSAL CONSIDERATIONS
To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 12: TRANSPORTATION INFORMATION
DOT - Not regulated in containers with capacity of less than 119 gallons. If greater than 119 gallons use:
DOT SHIPPING NAME: Butyl Acetate Solution
DOT HAZARD CLASS: 3
UN/NA NUMBER: UN 1268
DOT PLACARD: Flammable
TECHNICAL SHIPPING NAME: 281 Plus Penetrating Seal
PACKING GROUP: III
DOT LABEL: Flammable Liquid

SECTION 13: REGULATORY INFORMATION

HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL HAZARD
2	2	0	

(Degree of hazard: 0 = No Hazard, 4 = Severe Hazard)
USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.
DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.
Legend of terms
< = Less Than
> = More Than
N/A = Not Applicable or Not Available
N.D. = Not Determined
N.E. = None Established
PEL(OSHA): Permissible Exposure Limits
TLV (ACGIH)
AEL: The manufacturer of this product has established an Acceptable Exposure Limit. Where governmental imposed occupational limits are lower than the AEL are in effect, such limits shall take precedence

END OF SECTION
09/25/2010ed