SealPro USA
CONCRETE & MASONRY SPECIALTY COATINGS
TM
We Help You Seal Better®

Seal Pro 615 Data Sheet

Clear Deep Penetrating Sealer
Exterior / Interior

Seal Pro 615 is a solvent based heavy duty industrial sealer that prolongs the life of all types of concrete and exhibits exceptional resistance to moisture and hydrostatic pressure.
Seal Pro 615 is designed to protect the surface from concentrated acids, gasoline, oils, salt, alkali's, chemical spills, and water. This sealer forms a clear plastic film that is impervious to both liquid and vapor. It provides a non-slip satin finish and superior waterproof barrier that is resistant to ultraviolet radiation and harsh chemicals.

Seal Pro 615 is excellent for shop, factory, or livestock containment floors where high wear, impact resistance and chemical resistance is required. It can be used on concrete feeding bunks, waste pits, walkways and silos. Because of the sealing properties of Seal Pro 615 the surface becomes easier to clean, reducing maintenance time and cost. This low maintenance is particularly beneficial for shop and livestock building floors where cleaning is needed on a regular basis. Seal Pro 615 enhances disease control in livestock habitats. The sealer prevents bacteria and disease from penetrating the concrete surface and encapsulates and inhibits the migration of any bacteria or disease that is present prior to application.

SURFACE PREPARATION:
The surface to be treated must be free of all oil, dust, dirt and other contaminants. Power washing and thorough rinsing is the preferred method of surface preparation. Surface imperfections and cracks larger than 1/16" should be repaired with caulk or other filler material. All caulks and repair materials should be in place and cured prior to the application of Seal Pro 615.

APPLICATION:
DO NOT APPLY IN THE HEAT OF THE DAY - DRY TIME IS FAST. Surface must be dry. Application may be accomplished by spraying or brushing. Do not use a roller on smooth surfaces. Two applications are required. The second application may require less product for surface coverage. Allow 12 hours before usage. Full cure time is 72 hours. Equipment may be cleaned with Xylene.

Seal Better!
Products and Services to Solve Problems

- Meets /Exceeds ASTM C 1315-95
- Withstands UV Attack
- Chemical Resistant
- Enhances Disease Control
- Excellent Hydrophobic Qualities
- Easy Application

COVERAGE RATE:
Weather conditions, porosity, texture of the surface and film build will determine the amount of product necessary for effective treatment. Total product required for two applications can range from 200-700 sqft. per gallon.

LIMITATIONS:
Do not use on concrete specified for acid staining

PRECAUTIONS:
Use with adequate ventilation and approved OSHA breathing apparatus. Contains solvents. Flammable. Do not spray near open flame. Do not store in direct sunlight. Avoid breathing spray mist and contact with skin. Read product label and MSDS.

Specifications:	
Form:	Clear Liquid
Solid Content:	25%
Specific Gravity:	1.06
Weight Per Gallon:	7 lbs
Flash Point (ASTM 3243):	78 °F
VOC Content (ASTM D 3960-87):	≤699 Gr/Ltr
Shelf Life:	Indefinite
Pencil Hardness (ASTMD 3363):	4H
Tukon Hardness (ASTMD 1474):	12
Adhesion (ASTM D 3359):	Excellent
Chemical Resistance (ASTM D 1308-87) 12 Chemicals:	No Effect
Skid Resistance (ASTM C 1028-84) Dry :	COF= .92
Gloss (Gardner 60 Meter):	80
Exterior Durability:	Excellent
Flexibility (ASTM D 1737 1/8 Mandrels:	3
Vehicle:	Solvent

Manufactured By:
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	MATERIAL SAFETY DATA SHEET	**SEAL PRO 615**

SECTION ONE: PRODUCTION IDENTIFICATION

TRADE NAME: SEAL PRO 615 CURE AND SEAL

Date of preparation: Revised 02.20.2013

Emergency phone: CHEMTREC 800.424.9300

HMIS Ratings: H-2 F-3 R-0

SEAL PRO USA 551 BUSINESS PARK DR. MEDFORD OR 97504

Phone: 888.773.1914

SECTION TWO: HAZARDOUS INGREDIENTS

Components	PEL ppm	TLV ppm	Percent (%)
Naptha*	100 ppm	100 ppm	
Ethyl Acrylate*	5 ppm	5 ppm	.40 Max
Residual Monomers	NE*	NE*	.30 Max

*Subject to the reporting requirements of section 313 of the Emergency Planning and Community and Right To Know Act of 1986 and 40 CFR 372.

DOT SHIPPING INFORMATION

Proper shipping name: Resin Solution

Hazard classification: 3

UN number: 1866

Packing group: II

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point: 211 - 293 F

Vapor density Air = 1: >1

Solubility in water: Not soluble

Appearance and odor: Slightly cloudy liquid and solvent odor

Melting point: NE*

Specific gravity: .864

Vapor pressure: 4.18

Reactivity in water: Not reactive

*NE: Not established

SECTION FOUR: FIRE AND EXPLOSION DATA

Flash point: 78°F Method used: TCC
Flammable limits in air % by volume LEL Lower: 1.0 UEL Upper: 11.2
Auto ignition temperature: NE*
Extinguisher media: FOAM, CO2, DRY CHEMICAL, WATER SPRAY

Special Fire Fighting Procedures: Solid hoses streams tend to scatter liquid and spread fire. Water spray cools the burning surface and helps exclude air. Fire fighters should wear self-contained breathing apparatus operated in positive pressure mode.

Unusual fire and explosion hazards: Vapors are heavier than air and may travel along the ground to ignition sources (*heat, sparks, flame, etc*.) distant from the material handling point.
Never use welding or cutting torch on or near container even empty, because product or residue may ignite explosively.

SECTION FIVE: PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable
Incompatibility: Strong oxidizing agents
Hazardous decomposition products: Carbon monoxide, carbon dioxide, various hydrocarbons
Hazardous polymerization: Will not occur
Conditions to avoid: Heat, sparks, open flame, static discharge

SECTION SIX: HEALTH HAZARDS

Acute: Severe eye irritation, headache, moderate skin irritation.

Chronic: Ethyl Acrylate is listed by the National Toxicology Program and the International agency for Cancer as a potential cancer causing agent. A study found Ethyl Acrylate to be an animal carcinogen in a forced ingestion study on mice and rats. In an Inhalation study, rodents exposed to ethyl Acrylate vapors at 25 and 75 ppm for 27 months showed nonmalignant changes in nasal passage membranes.

Signs and symptoms of exposure: Painful eye irritation, redness of eyes, headache, nausea, vomiting, and dizziness. Possible skin rash. Symptoms will vary depending on the individual.

Medical conditions generally aggravated by exposure: Asthma and other respiratory ailments.
Any substance can be allergenic to an allergy pre-disposed individual.

Chemical listed as carcinogen or potential carcinogen:
NT: Yes
IARC: Yes
OSHA: Yes

Emergency and first aid procedures: Inhalation remove to fresh air, call a physician.
Eyes - flush with copious amounts of water and seek medical attention. Skin - wash exposed area with soap and water. Ingestion - do not induce vomiting - aspiration of the material into lungs can cause chemical pneumonitis which can be fatal. Get immediate medical attention!

Routes of entry:
Inhalation - headache, nausea, vomiting, dizziness, fatigue, unconsciousness, asphyxiation.
Eyes - severe painful irritation, redness and blurred vision.
Skin - moderate irritation, defatting, dermatitis.
Ingestion - gastrointestinal irritation, nausea, vomiting, diarrhea. Choking may occur with vomit.

SECTION SEVEN: SPILL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and storage precautions: Keep away from heat, sparks, and open flames. Use with adequate ventilation. Avoid contact with skin.

Containers may be hazardous when emptied. Since emptied containers retain residues (vapor, liquid, solid) all hazard precautions given in this MSDS must be observed.

If material is released or spilled: Small - absorb and transfer to appropriate waste container.
Large - eliminate all ignition sources, exclude workers not wearing protective gear, dike area, pump to grounded salvage tank. Absorb remainder and shovel into an appropriate waste container.

Waste disposal methods: Consult federal, state, and local regulations. Incinerate in accordance with local, state, and federal regulations.

SECTION EIGHT: SPECIAL PROTECTION INFORMATION AND CONTROL MEASURES

Respiratory protection: If TLV of product is exceeded, NIOSH / OSHA jointly approved air supplied respirator is advised. Normal conditions require the use of NIOSH / OSHA approved respirator fitted with solvent vapor approved cartridges.

Ventilation: Local exhaust, mechanical to maintain exposure below TLV.

Protective gloves: Solvent resistant gloves such as Buna-N.

Eye protection: Chemical splash goggles in compliance with OSHA.

Other protective clothing or equipment: Eye bath, safety shower, impervious clothing to prevent skin contact.

Work / Hygienic practices: Wash thoroughly after exposure, remove contaminated clothing and launder before reuse.