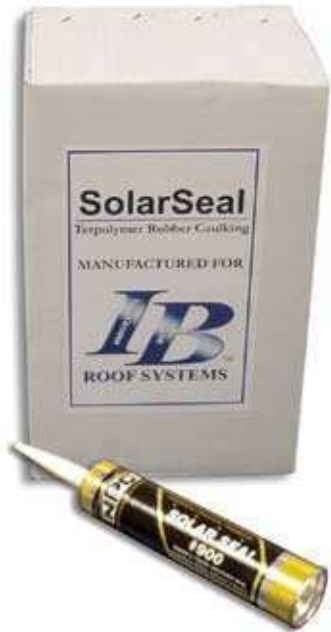


Sealants

Caulking



Product Details

Solar Seal 900 is a superior multi-purpose polymeric-terpolymer sealant. It is a tough exterior grade caulk that bonds to dry, contaminant free surfaces. Solar Seal 900 is completely compatible with all IB Membrane. It is mandatory to use Solar Seal on all factory warranty projects requiring caulking details. Solar Seal 900 is custom colored to perfectly match all of the IB Membranes and is used in conjunction with IB Water Stop on certain details.

- **Coverage:** 15 linear ft. per 10.3 oz. tube.
- **Color:** White, Tan and Gray.
- **Size:** 10.3 oz. tube.
- **Weight:** 10.3 oz. / 12 lbs. per case.
- **Packaging:** Individual tubes / 12 tubes per case.

Note: When Solar Seal 900 is stored indoors, out of direct sunlight, and in the original, unopened container the shelf life is 12 months. Always rotate stock.

Technical Data		
Bond Cohesion	TT-S-230c	No Bond Loss
Shore A Hardness	TT-S-230c	30 Average
Stain Index	TT-S-230c	None
Sag	TT-S-230c	No Sag
UV & Cold Exposure	ASTM-C-920	No Cracking
Elongation	ASTM-D-412	300% - 400%
Tack Free Time	ASTM-C-679	4 Hours
Adhesion-In-Peel	TT-S-1543	30 lbs/in

MATERIAL SAFETY DATA SHEET

NPC Sealants
1208 S. 8th Ave.
Maywood, Ill. 60153

Information Phone# 1-708-681-1040
Supercedes MSDS dated 3/28/03
Preparation date: 2/10/04

SECTION I > PRODUCT IDENTIFICATION

Product Number: 900 Series
Product Name: #900 Solar Seal
Product Class: Elastomeric Sealant
CAS# Not Applicable (mixture)

SECTION II > PHYSICAL PROPERTIES

Boiling Range: N/A % Volatile Volume: 15
Lbs/ Gallon: 9.60 VOC grams/Liter: 240
Vapor Density: Heavier than air.
Evaporation Rate: Slower than ether

SECTION III > HAZARDOUS COMPONENTS INFORMATION

Ingredient	CAS#	Percent	Occupational Exposure limits		Vapor Pressure @ 25 EC
			TLV	PEL	
Mineral Spirits	64742-88-7	5	100ppm	100ppm	2mm Hg
Aromatic Pet Distillates	64742-94-6	10	50ppm	100ppm	3mm Hg

SECTION IV > FIRE and EXPLOSION HAZARD INFORMATION

Flammability Classification: OSHA: Class IIIA Flash Point: 154°F, TCC
DOT: 173.150 (c) "Consumer Commodity", Class ORM-D Material.
173.121, Class 3(b)
E 173.150
International or Air Shipments in non-bulk containers 172.101 Flammable Liquid, n.o.s. UN1993, Packaging Group III.

Extinguishing Media: Water Fog, Dry Chemical, Foam, Carbon Dioxide.

Unusual Fire & Explosion Hazards: During emergency conditions, over exposure to combustion products such as smoke and carbon monoxide may cause a health hazard.

Special Firefighting Procedure: Under fire emergency conditions, it is recommended that full protection equipment be used, including self-contained breathing apparatus to protect fire fighters from any hazardous combustion products.

SECTION V > HEALTH HAZARD INFORMATION

Primary Route(s) of Entry: Inhalation. People with a history of chemical sensitivity should be advised this product contains petroleum solvents.

Effects of Acute Overexposure: Overexposure symptoms may include dizziness, shortness of breath, headache, nausea.

Medical Conditions Prone to Aggravation by Overexposure: May parallel effects of acute overexposure.

Emergency and First Aid Procedures:
If in eyes: Flush with large amounts of water immediately, for 15 minutes.
Overexposure to fumes: Remove subject to fresh air.
If on skin: Wash contact area with soap and water.
Action: Get medical attention. Take to a Physician for medical care.

SECTION VI > REACTIVITY INFORMATION

Stability: [X] Stable. [] Unstable. Hazardous Polymerization: [X] Will not occur. [] May occur.

Incompatibility (Materials to avoid): None Known.

Conditions to Avoid: Heat and ignition sources.

SECTION VII > SPILL or LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Absorb material in diatomaceous earth and place into a closed container.

Waste Disposal Method: Dispose in accordance with federal, state, and local regulations.

SECTION VIII > SAFE HANDLING and USE INFORMATION

Ventilation: *Intended for outdoor use, or unoccupied dwellings having forced fresh air ventilation.*

Protective Gloves: It is good practice to wear gloves while working.

Respiratory Protection: Not needed, but avoid concentrating vapors in any closed area.

Hygienic Practices: Wash hands before eating or using washroom.

Eye Protection: Wear safety glasses.

SECTION IX > SPECIAL PRECAUTIONS

Precautions Taken in Handling and Storing: Store in a cool and dry place away from heat and ignition sources.

Other Precautions: Do not take internally. KEEP OUT OF REACH OF CHILDREN. *Intended for outdoor use. Intentional misuse of this product by deliberately inhaling its concentrated vapor may be harmful or fatal. Reports have associated intentional misuse of petroleum solvents with inhaling its concentrated vapor with permanent brain, nervous system, liver or kidney damage and mucous membrane irritation.*