

### 1. PRODUCT NAME

**Plyolastic®**

### 2. MANUFACTURER

Neyra Industries, Inc.  
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Cincinnati, Ohio 45241

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### 3. PRODUCT DESCRIPTION

Plyolastic is a rubberized asphalt emulsion crack filler formulated to be flexible and fast setting for use on asphalt pavements.



#### Packaging:

Available in 5 gal. pails and 1 gal. spouted jugs. Drums can be special ordered.

#### Color:

Plyolastic dries black.

#### Basic Uses:

Plyolastic provides a tough, resilient barrier against moisture for cracks up to 1/2" in width.

#### Composition:

As shipped, Plyolastic is a rubberized asphalt emulsion.

- **Commercial Grade Performance:** This fortified emulsion is a flexible and durable crack filler for asphalt surfaces.
- **Good Adhesion:** A cationic penetrating surfactant formulation ensures bonding to the surface.
- **Excellent Resilience:** A superior synthetic polymer compound provides elasticity.
- **Rubberized:** Contains latex polymer to improve durability, flexibility and drying time.
- **Less Shrinkage:** A high solids formulation prevents abnormal shrinkage.
- **Ready to Use:** A convenient, fast and easy one-component system.

#### Limitations:

Do not allow to freeze. Do not store in direct sunlight or where temperature exceeds 120°F.

### 4. INSTALLATION

#### Preparatory Work:

Crack must be dry, clean and free of dust and loose material.

#### Methods:

May be used directly from 1 gal. spouted jug, pour pot or suitable mechanized equipment.

#### Mix Design:

Use full strength, do not dilute. Mix well before use.

#### Application:

Fill crack with Plyolastic, squeegee any excess flush with pavement surface. Allow to dry.

One gal. of Plyolastic fills the following approximate lineal feet:

Width	Depth		
	1/8"	1/4"	1/2"
1/8"	1200	600	300
1/4"	600	300	150
1/2"	300	150	75

**NOTE:** For wider and deeper cracks, hot-applied Thermo-Seal crack sealants are recommended.

#### Precautions:

Keep out of reach of children. Container should be closed when not in use. Contains petroleum distillate. Avoid breathing vapor or prolonged contact with skin or eyes. Flush immediately with water. Consult specific Neyra material safety data sheet before use.

### 5. MAINTENANCE

Tools and equipment may be cleaned promptly with water.

### 6. TECHNICAL DATA

#### Environmental Considerations:

Plyolastic is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure). Plyolastic is a water-based material containing less than 10g/L (.08 lbs./gal.) VOC content.

#### Physical Composition:

Plyolastic, as supplied, meets the following requirements when tested according to ASTM D2939 and D244 procedures:

Requirements	ASTM	Max	Min
Non-Volatiles %	D2939	-	68
Water %	D244	32	-
Specific Gravity	D2939	-	1.2

**Drying Time:**

Varies with dimensions of crack and weather conditions.

**Non-Flammability:**

The cured coating shows no tendency to flash or ignite.

**Adhesion & Resistance to Water:**

The cured sealant exhibits no penetration, blistering, loss of adhesion nor tendency to re-emulsify after immersion for 8 hours.

**7. TECHNICAL SERVICE**

Material safety data sheets, product and application recommendations, as well as assistance with special situations and field service are available upon request. Special project submittals are available through Customer Service.

**8. WARRANTY**

The above specifications on product usage are believed to be true and accurate. Neyra Industries, Inc. guarantees that all materials manufactured comply with quality standards as described in the product data sheets. Because the application, handling, weather, workmanship and equipment are beyond the control of this manufacturer, only the quality of the products as shipped is guaranteed. In no case will the liability of Neyra Industries, Inc. exceed the purchase price of the shipped materials.

**9. ADDITIONAL INFORMATION**

Neyra Industries, Inc. manufactures a full line of asphalt pavement maintenance and recreational surface products as well as application equipment sold and distributed nationally at our plants and through distributors. To find the supplier most convenient to you, please contact us.



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