

### 1. PRODUCT NAME

**Dynathane**

### 2. MANUFACTURER

Neyra Industries, Inc.  
10700 Evendale Drive  
Cincinnati, Ohio 45241

Phone: 513-733-1000  
Toll Free: 800-543-7077  
Fax: 513-733-3989  
Email: info@neyra.com  
Website: www.neyra.com

- **Urethane Acrylic Resin Base:** This advanced formulation provides exceptional adhesion and inherent flexibility.
- **Highly Resilient:** Dynathane provides high flexibility and elastic recovery resulting in fewer stress injuries.
- **Longer Lasting:** The urethane acrylic base is a tougher, more durable binder than the carboxylated styrene-butadiene latex (SBR) commonly used.
- **Stops Fading & Hardening:** Pure mineral oxide pigments and the urethane copolymer provide superior resistance to moisture and the ultraviolet rays of the sun.

### 3. PRODUCT DESCRIPTION

Dynathane is a concentrated urethane acrylic binder/pigment emulsion designed to be used with SBR and/or EPDM rubber granules. Dynathane offers an advanced formulation superior to 100% acrylic binders. It provides performance comparable to pure urethane solvent based systems. It can be used over existing urethane track surfaces and will not surface crack.

#### Packaging:

Packaging is in 55 gal. steel drums and in 275 gal. disposable totes.

#### Color:

The standard Dynathane color is clear. Color options include black, red, blue, green and beige. These colors can be factory blended or added on site with Dynasperse (Product Data Sheet 280).

#### Basic Uses:

Dynathane is designed for building stable, resilient, all weather running surfaces on sound asphalt pavement. It can also be used as a maintenance structural spray on latex and urethane tracks.

#### Composition:

Dynathane is a concentrated urethane acrylic binder emulsion.

#### Limitations:

In the liquid state, Dynathane must be protected from freezing. Do not store in direct sunlight or where temperature exceeds 120°F.

### 4. INSTALLATION

#### Preparatory Work:

The asphalt surface must be structurally sound, surface cured, and free from all loose or foreign matter prior to the application of Dynathane.

#### Methods:

Dynathane is spray applied by airless diaphragm pump. It is applied in alternate layers with SBR and/or EPDM rubber granules to build a monolithic all weather running track surface.

#### Mix Design:

Dynathane is a highly concentrated material intended to be mixed with water.

#### Dynathane Mix Design

Dynathane	Water	Yield
100 gal.	50-100 gal.	150-200 gal.

#### Application:

For use over sound asphalt pavement, the following application procedures are recommended for best results:

#### Application Rate per Coat

	Gal/SY	Gal/SF
Concentrate	.12	.013
Mix	.18 - .24	.02 - .027
Prime Coat	.05	.006

The per layer application rate will average 0.12 gal./yd. of concentrate with the provision that the first prime coat and last spray coat be Dynathane.

Under ideal weather conditions for drying (temperature above 75°F, low humidity and full sun), allow a minimum of 4 hours between applications. For less than ideal conditions, 1 coat/day may be the maximum application rate.

Application must be made when ambient temperatures and pavement temperatures are above 50°F. Good drying conditions above 50°F are required during the subsequent 8 hours and no temperatures below 50°F should be anticipated for 48 hours. Night time application is not recommended. It is recommended that the area over which the application is made be opened to use only after trial shows it to be dried and sufficiently cured. Lower temperatures, high humidity, clouds or shade and lack of air movement retard cure.

#### Precautions:

Protect wet Dynathane at all times from freezing and rain. Keep out of reach of children. Container should be closed when not in use. Avoid breathing vapor or prolonged contact with skin or eyes. Consult specific Neyra material safety data sheet before use.

New asphalt should be allowed to cure for a minimum of 15 days prior to

application and must not exhibit rib-boning, crawling, nor show oil rings when 1 gal. of clean water is poured onto the surface.

## 5. MAINTENANCE

Keep grass and vegetation cut back from the edge of the track to prevent intrusion of soil and damage to track surface. Be sure that proper drainage is provided so that water does not remain on the track for extended periods and the drains servicing the area remain clear. Blow or wash track as it becomes dusty or dirty and remove all grass or debris. Move hurdles or barriers to infield when not in use.

## 6. TECHNICAL DATA

### **Adhesion & Resistance to Water:**

The cured coating exhibits no blistering, loss of adhesion nor tendency to re-emulsify after immersion for 24 hours.

### **Environmental Considerations:**

Dynathane is a water based acrylic urethane emulsion containing less than 25g/L (0.19 lbs./gal.) VOC content.

## 7. TECHNICAL SERVICES

Material safety data sheets, product and application recommendations, as well as assistance with special situations and field service are available upon request.

## 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 recreational surface and asphalt pavement maintenance products as well as application equipment sold and distributed nationally at our plants and through distributors and contractors. To find the supplier most convenient to you, please contact us.

## **NEYRA**

**Neyra Industries, Inc.  
10700 Evendale Drive  
Cincinnati, Ohio 45241**

**Phone: 513-733-1000**

**Toll Free: 800-543-7077**

**Fax: 513-733-3989**

**Email: [info@neyra.com](mailto:info@neyra.com)**

**Website: [www.neyra.com](http://www.neyra.com)**