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Section One: Water Based Coatings

Water Based Epoxy Products

Two Component Clear Epoxies

NP010 clear- Water based clear translucent epoxy @ 54% solids. Suitable as a primer or as a stand alone sealer. Not suitable as a topcoat over colored base coats.

NP013 clear- Water based clear FAST SET epoxy @ 43% solids. Suitable as a primer or as a stand alone sealer. Not suitable as a topcoat over base coats.

NP015 clear- Water based amber clear epoxy @ 47.5% solids. Suitable as a primer or as a stand alone sealer. Not suitable as a topcoat over colored base coats.

Two Component Colored Epoxy

NP015 colors- Water based colored epoxy @ 56% solids. Suitable as a primer or as a stand alone coating. Suitable as a topcoat over colored base coats. (green, light blue, and blue are available as non-standard products)

Miscellaneous Water Based Products

NP3599- One component water based metal crosslinked stone finish for use on pavers and sand stabilizer.

WATER BASED URETHANE PRODUCTS

Two Component Clear Aliphatic Urethane

NP030 clear- Water clear water based urethane @ 30% solids. Suitable as a stand alone sealer. Suitable as a topcoat over colored base coats. Not suitable as a primer.

One Component Clear Acrylic Urethane

NP031 clear- Water clear water based urethane @ 25% solids. Suitable as a stand alone sealer. Suitable as a topcoat over colored based coats. Not suitable as a primer.

ONE COMPONENT CLEAR ACRYLIC SEALER

NP6412- One component solvent based non-flat high gloss coating acrylic sealer that offers excellent gloss and the product has a fast set time.

NP6413- One component solvent based non-flat high gloss coating acrylic sealer that offers excellent gloss and has a fast set time.

ONE COMPONENT WATER REPELLENT AND SEALERS

NP017- Sodium methyl silicate concrete water proofer and sealer.

NP021- Silane/siloxane penetrating sealer in either 20% and 40% concentrations

CONCRETE DENSIFIERS

NP7936- One component water based silicate and lithium based solution designed to densify cement and concrete substrates.

NP7939- One component water based silicate and lithium based solution designed to densify and add waterproofing characteristics to cement and concrete substrates.

SECTION TWO: HIGH BUILD COATINGS

HIGH BUILD EPOXY COLORS

Primer Selection

100LVP medium build- 93% solids two component low odor epoxy primer (2/1 mix ratio). Suitable as a primer or as an intermediate coat. Not suitable as a topcoat over other base coats.

Intermediate Coat Selection

100 high build- 100% solids two component epoxy. Suitable as an intermediate build coat. Not suitable as a topcoat over other base coats.

Topcoat or Build Coat Selection

100HV high build- 97% solids two component high wear epoxy (2/1 mix ratio) Suitable as an intermediate high build coat. Suitable as a topcoat over colored base coats.

181 high build- 100% solids two component (high build) epoxy- fast dry time. Suitable as an intermediate build coat. Suitable as a topcoat over colored base coats.

183 high build- 97% solids two component (medium build) epoxy- fast dry time. Suitable as an intermediate build coat. Suitable as a topcoat over colored base coats.

707 high build- 100% solids two component epoxy/color stable (2/1 mix ratio). Suitable as an intermediate build coat. Suitable as a topcoat over colored base coats.

131M black only- 100% solids two component tar epoxy coating. Suitable as a stand alone nondecorative coating. Suitable as a squeegee fill coat for block wood floors etc.

HIGH BUILD EPOXY CLEAR **Two Component Primer Selection**

139 high build- 100% solids FLEXIBLE primer @ 60% elongation. Suitable as a base coat for colored topcoats. Suitable as a crack bridging membrane primer.

Clear Seamless Two Component Coatings

70 high build- 100% solids MOISTURE INSENSITIVE clear epoxy. Suitable as a build coat for clear topcoats. Suitable as a seamless clear topcoat over primer. Suitable as a lower build clear coat over primer.

135M high build- 100% solids MOISTURE INSENSITIVE clear epoxy. Suitable as a build coat for clear topcoats. Suitable as a seamless clear topcoat over primer.

137M high build- 100% solids MOISTURE INSENSITIVE clear epoxy. Suitable as a base coat for clear topcoats. Suitable as a seamless clear topcoat over primer.

137MUV high build- 100% solids MOISTURE INSENSITIVE clear epoxy which incorporates UV resistance additives.

380 high build- 100% solids FAST SET clear epoxy. Suitable as a build coat for clear topcoats. Suitable as a seamless clear topcoat over primer.

SECTION THREE: THIN MIL EPOXY COATINGS

THIN MIL URETHANE COATINGS **(CLEAR AND COLORS) (SOLIDS <80%)**

THIN BUILD EPOXY COLORS

Primer Selection

820 black only- 71% solids oil stop, bonds to oil contaminated concrete. Suitable as a primer over petroleum based oils only. Not suitable as a topcoat.

Topcoat, Intermediate, and Base Coat Selection

144 polyamide- 65% solids colored two component fast dry epoxy. Suitable as a base coat or stand alone sealer. Suitable as an intermediate build coat. Suitable as a topcoat over other base coats.

THIN BUILD EPOXY CLEAR

Topcoat, Intermediate, and Base Coat Selection

70- 100% solids clear epoxy (good leveling at 5-10 mils) Suitable as a clear build coat. Suitable as a seamless clear topcoat over clear primer.

154 polyamide- 63% solids clear quick dry two component epoxy. Suitable as a base coat or stand alone sealer. Suitable as an intermediate build coat. Suitable as a topcoat over other base coats. (1:1 Mix Ratio)

154 VOC- 65% solids clear two component solvent based epoxy. Suitable as a primer for high build coatings and urethanes and meets the new VOC requirements for New York, Pennsylvania, New Jersey, and other states as an industrial maintenance coating. (2:1 Mix Ratio)

MOISTURE CURE URETHANES

Topcoat Clear Selections

357 aliphatic HDI- 40% solids one component moisture cured water clear urethane. Not suitable as a base coat. Suitable as a topcoat over clear or colored base coats. (Does not meet Federal VOC laws- limited availability)

357 VOC aliphatic HDI- 54% solids one component moisture cured water clear urethane. Not suitable as a base coat. Suitable as a topcoat over clear or colored base coats. (Meet Federal VOC laws)

357PAVOC- 65% solids one component moisture cured polyurethane (HDI based) floor coating/sealer. Not suitable as a base coat. Suitable as a topcoat over clear or colored base coats.

THIN BUILD TWO COMPONENT URETHANE CLEAR & COLORS

320 aliphatic HDI- 65% solids semi-gloss two component polyester urethane. Not suitable as a base coat. Suitable as a topcoat over many epoxy products.

****321 aliphatic HDI-** 56% solids CLEAR, 60% solids COLORED two component gloss polyester urethane. Not suitable as a base coat. Suitable as a topcoat over other base coats.

****322 aliphatic HDI-** 64% solids clear, 73% solids COLORED two component gloss polyester urethane. Not suitable as a base coat. Suitable as a topcoat over other base coats. This product meets the VOC requirements for the newly enacted VOC laws of New York, Pennsylvania, New Jersey, and other states as an industrial maintenance coating.

THREE COMPONENT "HIGH WEAR" URETHANES

Topcoat Selections

321HWS aliphatic HDI (clear) - 59% solids CLEAR, 63% solids COLORED three component high wear aliphatic urethane. Not suitable as a base coat. Suitable as a topcoat over many epoxy products.

**Available in high wear anti-slip*

322HWS aliphatic HDI- 68% solids CLEAR, 76% solids COLORED three component high wear aliphatic urethane. Not suitable as a base coat. Suitable as a topcoat over other base coats.

**Available in high wear anti-slip*

358- 93% Solids, Clear- Color Packs available

POLYASPARTIC URETHANE SEAMLESS BINDER

341- 2 component 100% solids polyaspartic aliphatic urethane seamless binder for broadcast systems.

SECTION FOUR: SAW CUTS AND EXPANSION JOINTS, CRACK FILLERS

EPOXY/URETHANE JOINT SEALANT

Expansion Joint Fillers

114-2 polyamide- 100% solids two component epoxy flexible joint sealant. Easy pour formulation that can be topcoated.

829 hybrid- 100% solids two component epoxy urethane hybrid flexible sealant. Easy pour formulation that can be topcoated.

829HV hybrid- 100% solids two component epoxy urethane hybrid flexible sealant. Thicker versions of NP829 for horizontal applications.

830 urethane- 100% solids two component urethane FAST SET flexible sealant. Developed for plural pump system applications also available in dual cartridge tube sets.

831- Two component 100% solids polymer system designed for applications where a resilient joint material is needed. The two component material (standard) is supplied with a gray component and a clear component.

EPOXY CRACK FILLERS

Epoxy Crack Fillers

818 polyamide- 100% solids colored crack filler epoxy paste. Can be topcoated while still wet with many products. Very forgiving mix ratio and mixing.

821 polyamide- 100% solids semi-clear low modulus fast set crack filler epoxy paste. Ideal for hairline cracks with clear coatings or sealers.

SECTION FIVE: EPOXY NOVOLAC PRODUCTS

SPECIAL SECTION: GUIDE TO SECONDARY CONTAINMENT

COLOR NOVOLAC PRODUCTS

Primer Selection

257- 85% solids two component penetrating novolac primer. Suitable as a primer for all colored topcoats. Not suitable as a topcoat.

Topcoat, and Intermediate Coat Selection

253 high build- 95% solids two component novolac epoxy. Not suitable as a base coat. Suitable as an intermediate build coat. Suitable as a topcoat over other base coats.

Novolac Mortar Selection

256M- Three component epoxy mortar. Suitable as a patching material or as an overlay.

Novolac Self Leveler

253SL high build- 95% solids colored three component novolac epoxy. Not suitable as a base coat. Suitable as an intermediate build coat. Suitable as a topcoat over other base coats.

Novolac Mortar Grout Coat

259- Two Component novolac mortar grout coat- colors- 96% solids.

CLEAR NOVOLAC PRODUCTS

***255 hybrid-** 100% solids clear two component novolac urethane hybrid primer. Suitable as a crack bridging primer.

Primer Selection

258- 62% solids clear two component penetrating novolac primer. Suitable as a primer for all clear topcoats. Not suitable as a topcoat.

Topcoat, and Intermediate Coat Selection

256 high build- 97% solids two component novolac epoxy. Not suitable as a base coat. Suitable as an intermediate build coat. Suitable as a topcoat over other base coats.

Novolac Mortar Selection

256M- Three component unpigmented natural epoxy mortar. Suitable as a patching material or as an overlay.

JOINT SEALANTS AND CRACK FILLERS

Joint Sealants

***928 hybrid-** 100% solids two component novolac urethane hybrid flexible sealant. Easy pour formulation that can be topcoated.

***928HV hybrid-** 100% solids two component novolac urethane hybrid flexible sealant. Thicker versions of NP928 for vertical applications.

Crack Fillers

***929 color-** 100% solids two component novolac crack filler. Suitable for shallow repairs on both horizontal and vertical surfaces.

***254 clear-** 100% solids two component novolac crack filler. Suitable for shallow repairs on both horizontal and vertical surfaces.

SECTION SIX: MORTAR REPAIR AND RESURFACERS (Clear and Colors)

EPOXY MORTAR PRODUCTS

Cove Base

NP1 clear, colors- 100% solids epoxy cove base formulation. Ideal for forming cove bases, curbs, etc.

Epoxy Mortar Repair Products

123- food formulation epoxy mortar

124- freezer formula epoxy mortar

128- sub zero degree epoxy mortar

130- tar epoxy mortar

Resurfacer Epoxy Mortars

105- economical mortar

110- standard epoxy mortar with high compressive strength

120- acid resistant epoxy mortar

POWER TROWEL EPOXY MORTAR PRODUCTS

Epoxy Power Trowel Primer

162- 100% solids power trowel epoxy PRIMER. Ideal for use with power trowel epoxy mortar.

Epoxy Power Trowel Mortars

110PT- standard epoxy mortar with high compressive strength

120PT- acid resistant epoxy mortar

Self Leveler Selection

220- 100% solids self leveling epoxy. Not suitable as a base coat. Suitable as an intermediate build coat or topcoat (when appearance is important we recommend a topcoat)

Epoxy Mortar Grout Coats

94 color/clear- 100% solids epoxy grout coat. Seals mortar products without changing the texture.

95 color/clear- 100% solids epoxy texture grout coat. Seals, hides imperfections and texturizes mortar overlays. Suitable for use as a texture coat over concrete also.

URETHANE OR HYBRID MORTAR PRODUCTS

Urethane “Quick Cure” Hybrid

343- Available in 300ml x 300ml dual cartridge tubes with static mixing nozzle. Suitable for use with any dry sand for small patching and repairs. Suitable for low temperature applications.

SECTION SEVEN: ROOFING PRODUCTS

Acrylic Roof Coatings

811FP- 65% solids water based acrylic roof coating- UL certified- FM certified- Energy Star (beige or white)

812- 62% solids water based acrylic roof coating

Acrylic Roof Caulking

***815M-** 83% solids water based acrylic roof caulking

(*) limited return restrictions apply

Acrylic Skylight Coating

813- 55% solids water based acrylic opaque clear coating. Some clarity limitations apply.

Co-Polymer Rubber Roof Products

418- 1 component 58% solids copolymer coating, 500% elongation, UV stable, white or colors

418R- 1 component liquid rubber walkway copolymer colored coating, 67% solids, UV stable

913- 1 component 52% solids copolymer coating, 500% elongation, UV stable, white (California VOC)

814- 60% solids co-polymer rubber based roof coating- UL certified, Energy Star. Suitable for applications over EPDM and other hard to coat substrates. Available in white or colors including some safety colors.

814R- 69% solids co-polymer rubber based liquid walkway skidproofer in a can. Suitable for traffic areas and around equipment.

Urethane Protective Coating

326- 78% two component aliphatic urethane (clear or white) Suitable for protecting acrylic and co-polymer roof products in aggressive environments.

NOTE: The Energy Star logo can only be used by approved Energy Star partner.

SECTION EIGHT: SKIDPROOFER PRODUCTS

Three Component

016 colors- Water based colored epoxy skidproofer. Suitable as a stand alone coating. Suitable as a topcoat over colored epoxy base coats. Suitable for bare foot environments.

210- 86% solids skidproofer in course or fine textures. Suitable as a stand alone product with or without a primer. Suitable as a topcoat over base coats.

Two Component

7175- 74% solids water based colored epoxy skidproofer. Suitable as a stand alone coating. Suitable as a topcoat over colored base coats. Suitable for bare foot environments.

7250- Heavy duty colored epoxy textured non slip coating. 88% solids Kevlar fortified industrial use product. Very good wear characteristics and chemical resistance.

7550- Heavy duty colored epoxy textured non slip coating. 96% solids Kevlar fortified industrial use product. Very good wear characteristics and chemical resistance.

72500- Heavy duty colored epoxy textured non slip coating. 100% solids Kevlar fortified industrial use product. Very good wear characteristics and chemical resistance.

SECTION NINE: AM PRODUCT LINE

As part of routine building maintenance, areas should be inspected for visible mold and the conditions causing the mold should be corrected to prevent mold from growing. National Polymers has been working with leading biocide manufacturers to develop coating products wherein the dry coating film of these products are mildew resistant, resists mold fungus, and resists stains by mold. In addition, the dry coating film inhibits the growth of bacterial odors, resists microbial odor development and retards the growth and action of bacterial odors. NPI tested products with a blend of EPA registered biocides (EPA registration No. 10445-103 and 1706-196) for which 10445-103 has FDA approval under CRF 176.170, 176.180 and 176.300. (Refer to code for applicable limitations). Accordingly, our newly developed product line may be beneficial in any industry that requires a coating film to prevent microorganisms from degrading the product. "This product line does not protect users or others against food-borne (or disease causing) bacteria and does not protect users or others against bacteria, viruses, germs, or other disease organisms. Always clean this product thoroughly after each use."

Water based epoxy "AM015"
Epoxy mortar regular formulation "AM110"
High performance urethane "AM321"
Seamless (moisture insensitive) epoxy binder "AM137M"
High performance (VOC compliant) epoxy coating "AM154"
High build epoxy color coat "AM707"
Flexible broadcast coat "AM139"

SECTION TEN: ANTI-STATIC PRODUCTS

Introduction

Anti-Static Warranty Information
Illustrated Grounding Methods
Guide to Anti-Static Products
Testing Procedures

Primers

145CP- Conductive Epoxy Primer (semi-clear and black)- 2 component solvent based epoxy primer. The semi-clear is a metallic pigmented primer while the black is available in a metallic pigmented version with additional lead time.

144C- Anti Static Conductive Primer- a metallic pigmented primer, that was specifically designed as a base coat for the NP324C urethane

163CP- Semi-Clear Conductive Epoxy Primer- 2 component solvent based epoxy metallic pigmented primer

Sealers

145CP- Semi-Clear Anti Static Sealer- 2 component solvent based metallic pigmented epoxy sealer

163CP- Semi-Clear Anti Static Sealer- 2 component metallic pigmented epoxy sealer

Coatings

324C- Static Dissipating (VOC Compliant) Urethane- 2 component aliphatic polyurethane floor coating

183C Static Dissipating High Build (Quick Set) Epoxy Topcoat- When used in conjunction with a suitable primer, provides excellent abrasion resistance, chemical resistance, and static dissipative properties.

(*) Products have limited restrictions

FOR ALL PRODUCTS- green, light blue, blue, dark gray, brown, and tan when offered, are available as non-standard products only. Not all colors are available for all products. Check with your sales agent for color selections available.