



NEO PACK PLAST (INDIA) PVT. LTD.



# RESIN PRODUCTS

## PRODUCT GUIDE

# LONG OIL ALKYD RESIN

| SR # | PRODUCT CODE   | OIL TYPE | OIL LENGTH | % SOLID +/-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY 30°C IN 50% SOLID IN MTO BY Fc4 CUP. | COLOUR ON GARDNER SCALE 50% SOLUTION OF RESIN | SUGGESTED APPLICATIONS  |
|------|----------------|----------|------------|--------------|---------|-------------------|--|---|---|
| 1    | NEO REZ - 5400 | SOFA     | 60         | 100          | MTO     | <12               | 150-200 SEC.                                   | <6  | It is Non Yellowing Fast Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention. Also used in varnishes, wood stains and High quality Screen and printing Inks. |
| 2    | NEO REZ-5470   | SOFA     | 60         | 70           | MTO     | <12               | 150-200 SEC.                                   | <6  | It is Non Yellowing Fast Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention. Also used in varnishes, wood stains and High quality Screen and printing Inks. |
| 3    | NEO REZ-5460   | SOFA     | 60         | 60           | MTO     | <12               | 150-200 SEC.                                   | <6  | It is Non Yellowing Fast Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention. Also used in varnishes, wood stains and High quality Screen and printing Inks. |
| 4    | NEO REZ -5870  | SOFA     | 60         | 70           | MTO     | <12               | 150-200 SEC.                                   | <6  | It is Non Yellowing Fast Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention. Also used in varnishes, wood stains and High quality Screen and printing Inks. |
| 5    | NEO REZ-5323   | LINSEED  | 60         | 100          | MTO     | <15               | 120-160 SEC.                                   | <8  | It is fast drying oxidizing alkyd used for First Quality Decorative and Hi-performance Enamel Paints & primers with excellent gloss. Also used in varnishes, wood stains and Screen and printing Inks.  |
| 6    | NEO REZ-5370   | LINSEED  | 60         | 70           | MTO     | <15               | 120-160 SEC.                                   | <8  | It is fast drying oxidizing alkyd used for First Quality Decorative and Hi-performance Enamel Paints & primers with excellent gloss. Also used in varnishes, wood stains and Screen and printing Inks.  |

# LONG OIL ALKYD RESIN

| SR # | PRODUCT CODE | OIL TYPE     | OIL LENGTH | % SOLID +/-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY 30°C IN 50% SOLID IN MTO BY Fc4 CUP. | COLOUR ON GARDNER SCALE 50% SOLUTION OF RESIN | SUGGESTED APPLICATIONS  |
|------|--------------|--------------|------------|--------------|---------|-------------------|--|---|---|
| 7    | NEO REZ-5363 | LINSEED      | 60         | 60           | MTO     | <15               | 120-160 SEC.                                   | <8  | It is fast drying oxidizing alkyd used for First Quality Decorative and Hi-performance Enamel Paints & primers with excellent gloss. Also used in varnishes, wood stains and Screen and printing Inks.  |
| 8    | NEO REZ-5100 | SOYABEAN OIL | 60         | 100          | MTO     | <10               | 120-160 SEC.                                   | <6  | It is Non Yellowing, Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention & good brushability, Also used in varnishes, wood stains and High quality Screen and printing Inks.   |
| 9    | NEO REZ-5170 | SOYABEAN OIL | 60         | 70           | MTO     | <10               | 120-160 SEC.                                   | <6  | It is Non Yellowing, Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention & good brushability, Also used in varnishes, wood stains and High quality Screen and printing Inks.   |
| 10   | NEO REZ-5123 | SOYABEAN OIL | 60         | 60           | MTO     | <10               | 120-160 SEC.                                   | <6  | It is Non Yellowing, Air drying Alkyd for First Quality long lasting Decorative and Hi-performance Enamel Paints & primer with excellent gloss. Excellent outdoor performance. Excellent colour retention & good brushability, Also used in varnishes, wood stains and High quality Screen and printing Inks.   |
| 11   | NEO REZ-5770 | Linseed      | 60         | 70           | MTO     | <15               | 180-200 SEC.                                   | <8  | It is Air drying Isophthalic based alkyd for use in insulating varnishes. Gives better thermal index and electrical calcification factor in insulation. It is also used as fast drying First quality Decorative and Hi-performance Enamel Paints & primers with excellent gloss. Also used in varnishes, wood stains and Screen & printing Inks and roller coating. |

# MEDIUM OIL ALKYD RESIN

| SR # | PRODUCT CODE | OIL TYPE | OIL LENGTH | % SOLID +-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY 30°C IN 40% SOLID IN MTO BY Fc4 CUP. | COLOUR ON GARDNER SCALE 40% SOLUTION OF RESIN | SUGGESTED APPLICATIONS   |
|------|--------------|----------|------------|-------------|---------|-------------------|--|---|--|
| 1    | NEO REZ-4172 | SOFA     | 42         | 70          | MTO     | <12               | 200-250 SEC.                                   | <7  | High Viscosity Fast Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks.           |
| 2    | NEO REZ-4151 | SOFA     | 42         | 50          | MTO     | <12               | 200-250 SEC.                                   | <7  | High Viscosity Fast Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks.           |
| 3    | NEOREZ -4174 | SOFA     | 42         | 70          | C9      | <12               | 200-250 SEC.                                   | <7  | High Viscosity very Fast Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks.      |
| 4    | NEOREZ -4155 | SOFA     | 42         | 55          | C9      | <12               | 50 to 70 sec. 40% in O-xylene                  | <7  | High Viscosity low solid Fast Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks. |
| 5    | NEO REZ-4159 | LINSEED  | 48         | 50          | MTO     | <20               | 150-180 SEC.                                   | <10   | Fast air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in primer for NC coating, Anti corrosion coating, Furniture enamels, printing Inks.   |
| 6    | NEO REZ-4970 | DCO      | 48         | 70          | MTO     | <12               | 150-180 SEC.                                   | <7  | Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with Good Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks.                                    |
| 7    | NEO REZ-4950 | DCO      | 48         | 60          | MTO     | <12               | 150-180 SEC.                                   | <7  | Air drying Alkyd for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with Good Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks.                                    |

# GEL RESIN

|   |              |      |    |    |     |     |              |    |  |
|---|--------------|------|----|----|-----|-----|--------------|----|--|
| 1 | NEO REZ-4140 | SOFA | 42 | 40 | MTO | <12 | 350-450 SEC. | <7 | Very High Viscosity Fast Air drying Alkyd for viscosity build up and viscosity Corrections Also use for Hi-performance Enamel Paints, Primers, varnishes. Excellent colour retention with excellent Gloss. Also used in Anti corrosion coating, Furniture enamels, printing Inks. On Demand we can give this product up to @700 sec viscosity. |
|---|--------------|------|----|----|-----|-----|--------------|----|--|

# SHORT OIL ALKYD RESIN

| SR # | PRODUCT CODE | OIL TYPE    | OIL LENGTH | % SOLID +-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY 30°C IN 50% SOLID IN XYLENE BY Fc4 CUP.  | COLOUR ON GARDNER SCALE 50% SOLUTION OF RESIN | SUGGESTED APPLICATIONS   |
|------|--------------|-------------|------------|-------------|---------|-------------------|--|---|--|
| 1    | NEO REZ-3141 | COCONUT OIL | 35         | 70          | XYLENE  | <12               | 200 - 300 sec.                                     | <3  | It is a non yellowing short oil non-oxidizing alkyd resin for Stoving enamels & primer for vehicles, household application and office furniture with excellent colour & Gloss retention, NC lacquers, melamine & roller coating varnish, Acid curing and Wood coating. specially designed for white stoving enamel. Excellent Impact resistance. |
| 2    | NEO REZ-3151 | CASTOR      | 37         | 70          | XYLENE  | <15               | 80-120 SEC.  | <7  | It is a short oil non-oxidizing alkyd resin for Stoving enamels & primer for vehicles, household application and office furniture with excellent colour & gloss retention, NC lacquers, melamine & roller coating varnish, Acid curing and Wood coating. Excellent Impact resistance.  |
| 3    | NEO REZ-3171 | SOFA        | 30         | 70          | XYLENE  | <10               | 15 -20 POISE @ 30°C as such in 55% toluene at 25°C | <3  | It is a non yellowing short oil non-oxidizing alkyd resin for Stoving enamels & primer for vehicles, household application and office furniture with excellent colour & Gloss retention, NC lacquers, melamine & roller coating varnish, Acid curing and Wood coating. Excellent Impact resistance.  |
| 4    | NEOREZ -3135 | SOFA / DCO  | 37         | 70          | XYLENE  | <10               | 100 to 120 sec.                                    | <3  | It is a short oil non-oxidizing alkyd resin for Stoving enamels & primer for vehicles, household application and office furniture with excellent colour & Gloss retention, NC lacquers, melamine & roller coating varnish, Acid curing and Wood coating. Excellent Impact resistance.  |

| SR # | PRODUCT CODE | OIL TYPE | OIL LENGTH | % SOLID +-2 | SOLVENT    | ACID VALUE KOH/GM | VISCOSITY @ 30°C IN 50% SOLID IN XYLENE BY Fc4 CUP. | COLOUR ON GARDNER SCALE 50% SOLUTION OF RESIN | SUGGESTED APPLICATIONS  |
|------|--------------|----------|------------|-------------|------------|-------------------|---|---|---|
| 1    | NEO REZ-6581 | SOFA     | 40         | 70          | XYLENE/MTO | <12               | 30 - 50 POISE @30°C as such in 55% xylene @25°C     | <6  | It is High Molecular weight fast Air drying Non Yellowing resin For Auto refinishing, Heavy duty Machinery paints and primers. excellent colour & Excellent Gloss retention, Excellent adhesion on metal surface, Exellent Hardness. Very good resistance against acid & Alkali in its segment. |
| 2    | NEO REZ-6275 | SOFA     | 25         | 70          | XYLENE     | <10               | 150 - 180   | <6  | It is Very fast Air drying Non Yellowing resin For Auto refinishing and stoving application, Heavy duty paints and primers. Excellent colour & Gloss retention, excellent adhesion on metal surface, Exellent Hardness. Also can be used for two pack polyurethane base coating.                |
| 3    | NEO REZ-6252 | SOFA     | 25         | 70          | XYLENE     | <10               | 200 - 250   | <6  | It is Very fast Air drying Non Yellowing resin For Auto refinishing and stoving application, Heavy duty paints and primers. Excellent colour & Gloss retention, excellent adhesion on metal surface, Exellent Hardness. Also can be used for two pack polyurethane base coating.                |
| 4    | NEO REZ-6258 | SOFA     | 25         | 70          | XYLENE     | <10               | 200 - 250   | <6  | It is Very fast Air drying Non Yellowing resin For Auto refinishing and stoving application, Heavy duty paints and primers. excellent colour & Gloss retention, excellent adhesion on metal surface, Exellent Hardness. Also can be used for two pack polyurethane base coating.                |
| 5    | NEO REZ-6170 | SOFA     | 36         | 70          | XYLENE     | <10               | 120-160   | <6  | It is Universal very fast Air drying Non Yellowing resin For Auto refinishing and stoving application, Heavy duty paints and primers, PC finish & Hammer finish. Excellent colour & Gloss retention, excellent adhesion on metal surface, Exellent Hardness. It has excellent MTO solubility.   |
| 6    | NEO REZ-6151 | SOFA     | 36         | 60          | XYLENE     | <10               | 120-160   | <6  | It is Universal very fast Air drying Non Yellowing resin For Auto refinishing and stoving application, Heavy duty paints and primers, PC finish & Hammer finish. Excellent colour & Gloss retention, excellent adhesion on metal surface, Exellent Hardness. It has excellent MTO solubility.   |
| 7    | NEOREZ-6174  | SOFA     | 39         | 70          | C9         | <12               | 200 - 250   | <7  | It is Universal very fast Air drying Non Yellowing low viscosity resin For Auto refinishing and stoving application, Heavy duty paints and primers, PC finish & Hammer finish. Excellent colour & Gloss retention, excellent adhesion on metal surface & Exellent Hardness.                     |



# ACRYLIC RESIN Two Pack Polyurethane Resin

| SR # | PRODUCT CODE | OH VALUE (ON SOLID) | % SOLID +/-2 | SOLVENT            | ACID VALUE KOH/GM | VISCOSITY AS SUCH BY GARDNER TUBE @ 30°C | COLOUR ON GARDNER SCALE AS SUCH OF RESIN | SUGGESTED APPLICATION   |
|------|--------------|---------------------|--------------|--------------------|-------------------|--|--|---|
| 1    | NEOCRYL-2103 | 95-105              | 60           | XYLENE\ MPA        | < 10              | 70 - 90 POISE                            | 1G MAX                                   | High performance PU coating for industrial OEM with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical, chemical and acid resistant properties.  |
| 2    | NEOCRYL-2110 | 90-100              | 60           | XYLENE/ BA         | <10               | 30-60 POISE                              | 1G Max                                   | High performance PU coating for industrial OEM with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical, chemical and acid resistant properties.  |
| 3    | NEOCRYL-2100 | 80-90               | 60           | XYLENE / ECA       | <10               | 30-60 POISE                              | 1G MAX                                   | High performance PU coating for industrial, auto refinish, glass & wood coating with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical & chemical properties.   |
| 4    | NEOCRYL-2130 | 70-80               | 70           | XYLENE             | <8                | 20-30 sec at 30'c in 40% In xylene       | 1G MAX                                   | High Solid performance PU Resin for base coat / top coat automotive refinishes with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical & chemical properties. Cost effective for marine & protective coatings. |
| 5    | NEOCRYL-2120 | 60-70               | 60           | XYLENE/ BA         | <10               | 40-60 POISE                              | 1G Max                                   | High performance PU coating for industrial OEM with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical, chemical and acid resistant properties.  |
| 6    | NEOCRYL-2122 | 50-60               | 60           | XYLENE / C-9 / MPA | <10               | 25-35 POISE                              | 1G MAX                                   | High performance PU coating for industrial OEM with Excellent Gloss, durability, outdoor performance. Excellent adhesion on ferrous & non ferrous surface like steel, GI, copper, glass etc. Excellent mechanical, chemical and acid resistant properties.  |
| 7    | NEOCRYL-2145 | 42-52               | 55           | XYLENE             | < 8               | 40-60 sec at 30'c in 40% In xylene       | 1G MAX                                   | Economical PU resin for industrial protective coating & automotive refinish with good Gloss, fast drying, excellent adhesion, flexibility on metal and GI. Cost effective due to low isocyanate required.   |

|    |             |         |    |        |      |  |     |  |
|----|-------------|---------|----|--------|------|--|-----|--|
| 8  | NEOREZ-2162 | 100-110 | 70 | XYLENE | < 10 | 200 - 250 Sec<br>(VISCOSITY @ 30°C IN<br>50 % SOLUTION<br>IN XYLENE BY FC4 CUP | < 7 | Used for two pack polyurethane base coating. For Auto refinishing, heavy duty paints and primers. Excellent colour & Gloss retention, Excellent adhesion on metal surface, Excellent Hardness.   |
| 9  | NEOREZ 2165 | 100-110 | 60 | XYLENE | < 10 | 200 - 250 Sec<br>(VISCOSITY @ 30°C IN<br>50 % SOLUTION<br>IN XYLENE BY FC4 CUP | < 7 | Used for two pack polyurethane base coating. For Auto refinishing, heavy duty paints and primers. excellent colour & Gloss retention, excellent adhesion on metal surface, Excellent Hardness/ABS & polycarbonate Surface & Non Ferrous Surface.   |
| 10 | NEOREZ 2163 | 65-85   | 70 | XYLENE | < 10 | 200 - 250 Sec<br>(VISCOSITY @ 30°C<br>IN 50 % SOLUTION IN<br>XYLENE BY FC4 CUP | < 7 | Used for two pack polyurethane base coating. For Auto refinishing, heavy duty paints and primers. excellent colour & Gloss retention, excellent adhesion on metal surface, Excellent Hardness. Cost effective due to very low isocyanate required. |
| 11 | NEOREZ 2160 | 65-85   | 60 | XYLENE | < 10 | 100 - 150 Sec<br>(VISCOSITY @ 30°C<br>IN 50 % SOLUTION IN<br>XYLENE BY FC4 CUP | < 7 | Used for two pack polyurethane base coating. For Auto refinishing, heavy duty paints and primers. excellent colour & Gloss retention, excellent adhesion on metal surface, Excellent Hardness. Cost effective due to very low isocyanate required. |
| 12 | NEOREZ 2161 | 65-85   | 60 | XYLENE | < 10 | 25 - 45 Sec<br>(VISCOSITY @ 30°C<br>IN 50 % SOLUTION IN<br>XYLENE BY FC4 CUP   | < 7 | Used for two pack polyurethane base coating. For Auto refinishing, heavy duty paints and primers. excellent colour & Gloss retention, excellent adhesion on metal surface, Excellent Hardness. Cost effective due to very low isocyanate required. |



## ACRYLIC RESIN Thermosetting

| SR # | PRODUCT CODE | OH VALUE (ON SOLID) | % SOLID +/-2 | SOLVENT                   | ACID VALUE KOH/GM | VISCOSITY AS SUCH BY GARDNER TUBE @ 30°C | COLOUR ON GARDNER SCALE AS SUCH OF RESIN | SUGGESTED APPLICATION   |
|------|--------------|---------------------|--------------|---------------------------|-------------------|--|--|---|
| 1    | NEOCRYL-2201 | -                   | 60           | Xylene / Butonal          | <15               | 35-60 POISE                              | 1G MAX                                   | Used for low bake stoving systems for auto body parts, barrels industries & domestic appliances coating. Excellent gloss, Good hardnes, Excellent outdoor performance, solvent & chemicals resistance property.   |
| 2    | NEOCRYL-2202 | 70-80               | 60           | Xylene / Ethyl Cellosolve | <10               | 35 -50 POISE                             | 1G MAX                                   | Used for low bake stoving systems for auto body parts, barrels industries, GI coating & domestic appliances coating. Excellent gloss, Good hardnes, Excellent outdoor performance, solvent & chemicals resistance property. Also used as a 2k PU systems. |

## ACRYLIC RESIN Thermoplastic

| SR # | PRODUCT CODE | % SOLID +/-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY AS SUCH BY GARDNER TUBE @ 30° | SUGGESTED APPLICATION   |
|------|--------------|--------------|---------|-------------------|---|---|
| 1    | NEOCRYL-2600 | 60           | XYLENE  | <15               | 150 -225 Poise<br>As such               | Excellent flexibility, Very Fast Drying, Pigment dispersion & Plasticizer, High Gloss and Good Gloss Retention, Excellent durability, Weathering & outdoor performance. Used in Enamel Paints & Lacquer for Metal, Concrete Wall and Floors, Wood & Cement tiles etc. |
| 2    | NEOCRYL-2605 | 27           | XYLENE  | <15               | 25 -30<br>sec @ 30' C                   | Excellent flexibility, Very Fast Drying, Pigment dispersion & Plasticizer, High Gloss and Good Gloss Retention, Excellent durability, Weathering & outdoor performance. Used in Coating on Paver block and concrete flooring.   |

## ACRYLATED ALKYD RESIN

| SR # | PRODUCT CODE   | % SOLID +-2 | SOLVENT | ACID VALUE KOH/GM | VISCOSITY AS SUCH BY GARDNER TUBE @ 25°C | COLOUR ON GARDNER SCALE AS SUCH OF RESIN | SUGGESTED APPLICATION   |
|------|----------------|-------------|---------|-------------------|--|--|---|
| 1    | NEO REZ - 8460 | 60          | XYLENE  | <10               | 25 - 30 POISE                            | < 5                                      | It is a very fast drying Acrylated Alkyd. recommended for use in roller coating enamels and varnishes for metal decoration and industrial finishes. Also used in NC replacement for colour coating and wood coating. It offers excellent resistance to water and oils for roller coating applications. Excellent outdoor durability. Excellent colour and Good gloss retention. Excellent adhesion. Moderate flexibility. Excellent chemicals & Corrosion Resistance. touch dry within seconds and hard drying just 1 hours. No or very little dryer is required. |
| 2    | NEOREZ - 8465  | 60          | XYLENE  | <10               | 20 - 30 sec in 40 % solution in Xylene   | < 5                                      | It is a very fast drying Acrylated Alkyd. recommended for use in roller coating enamels and varnishes for metal decoration and industrial finishes. Also used in NC replacement for colour coating and wood coating. It offers excellent resistance to water and oils for roller coating applications. Excellent outdoor durability. Excellent colour and Good gloss retention. Excellent adhesion. Moderate flexibility. Excellent chemicals & Corrosion Resistance. touch dry within seconds and hard drying just 1 hours. No or very little dryer is required. |
| 3    | NEO REZ - 8424 | 60          | XYLENE  | <15               | 35 - 45 POISE                            | < 6                                      | It is a very fast drying Acrylated Alkyd. recommended for use in roller coating enamels and varnishes for metal decoration and industrial finishes. Also used in NC replacement for colour coating and wood coating. It offers excellent resistance to water and oils for roller coating applications. Excellent colour and Good gloss retention. Excellent adhesion. Excellent chemicals & Corrosion Resistance. Touch dry within seconds and hard drying just 1 hours. No or very little dryer is required.   |
| 4    | NEO REZ - 8462 | 50          | XYLENE  | <15               | 8 - 12 POISE                             | < 6                                      | It is a very fast drying Acrylated Alkyd. recommended for use in roller coating enamels and varnishes for metal decoration and industrial finishes. Also used in NC replacement for colour coating and wood coating. It offers excellent resistance to water and oils for roller coating applications. Excellent colour and Good gloss retention. Excellent adhesion. Excellent chemicals & Corrosion Resistance. Touch dry within seconds and hard drying just 1 hours. No or very little dryer is required.   |

## EPOXY ESTER

| SR # | PRODUCT CODE | OIL TYPE | ACID VALUE KOH/GM | % SOLID +-2 | SOLVENT | VISCOSITY AS SUCH BY GARDNER TUBE @ 30°C | COLOUR ON GARDNER SCALE AS SUCH OF RESIN | SUGGESTED APPLICATION  |
|------|--------------|----------|-------------------|-------------|---------|--|--|--|
| 1    | NEO REZ-8010 | SOFA     | <10               | 60+-2%      | XYLENE  | 25-35 POISE in 50% solid                 | < 6                                      | Used as Single pack Epoxy for Excellent Anti corrosion coating. It is also recommended for Clear & Pigmented finish for Electronic component, ceramic, capacitors & appliance finishes. Very fast Drying Excellent adhesion to non-ferrous material. |

# AMINO RESIN

| SR # | PRODUCT CODE | OIL TYPE        | ACID VALUE<br>KOH/GM | % SOLID<br>+-2 | SOLVENT       | MTO<br>TOL. | VISCOSITY AS<br>SUCH BY GARDNER<br>TUBE @ 30°C | COLOUR ON<br>GARDNER<br>SCALE AS SUCH<br>OF RESIN | SUGGESTED APPLICATION  |
|------|--------------|-----------------|----------------------|----------------|---------------|-------------|--|---|--|
| 1    | NEO REZ-7121 | BUTYLATED<br>MF | 3 MAX                | 60+-2%         | n-<br>BUTANOL | Min.<br>1:3 | 7-12 POISE                                     | < 1   | Medium reactive and fast curing resin for high gloss stoving enamels with alkyds, epoxy, acrylic system and roller coating. It gives excellent gloss and hardness when cured with short oil alkyd and thermoset acrylic resin. |

# C.N.S.L. RESIN

| SR # | PRODUCT CODE  | OIL TYPE | % SOLID<br>+-2 | SOLVENT | VISCOSITY BY<br>FC4 @ 30 C. | COLOUR ON<br>GARDNER<br>SCALE AS SUCH<br>OF RESIN | SUGGESTED APPLICATION   |
|------|---------------|----------|----------------|---------|-----------------------------|---|---|
| 1    | NEOREZ DC 80  | Cardinol | 80             | MTO     | 150 - 200 Sec<br>in 50% MTO | Very Light<br>Brown                               | This is recommended for use in dark color Shade enamels, primers and varnishes, Air drying undercoat applications. Excellent Anticorrosion properties. Also use in general purpose coating. |
| 2    | NEOREZ DC 82  | Cardinol | 80             | MTO     | 150 - 200 Sec<br>in 50% MTO | Light Brown                                       | This is recommended for use in dark color Shade enamels, primers and varnishes, Air drying undercoat applications. Excellent Anticorrosion properties. Also use in general purpose coating. |
| 3    | NEOREZ CN 755 | CNSL     | 75             | MTO     | 150 - 200 Sec<br>in 50% MTO | Dark Brown  | This is recommended for use in dark color Shade enamels, primers and varnishes, Air drying undercoat applications. Excellent Anticorrosion properties. Also use in general purpose coating. |
| 4    | NEOREZ CN 800 | CNSL     | 80             | MTO     | 150 - 200 Sec<br>in 50% MTO | Dark Brown  | This is recommended for use in dark color Shade enamels, primers and varnishes, Air drying undercoat applications. Excellent Anticorrosion properties. Also use in general purpose coating. |
| 5    | NEOREZ CN 70  | CNSL     | 70             | MTO     | 150 - 200 Sec<br>in 50% MTO | Dark Brown  | This is recommended for use in dark color Shade enamels, primers and varnishes, Air drying undercoat applications. Excellent Anticorrosion properties. Also use in general purpose coating. |

# HAMMERTONE RESIN

| SR # | PRODUCT CODE | % SOLID +-2 | SOLVENT        | ACID VALUE KOH/GM | VISCOSITY BY FC4 @ 30 C.              | COLOUR ON GARDNER SCALE AS SUCH OF RESIN | SUGGESTED APPLICATION  |
|------|--------------|-------------|----------------|-------------------|---------------------------------------|--|--|
| 1    | NEOREZ-9015  | 70          | XYLENE/TOLUENE | < 15              | 50+/-5 SEC. IN XYLENE IN 50% SOLUTION | 10                                       | This is recommended for use in hammer finishes, powder coating finishes, wrinkle finishes and fast drying paints, primer & varnishes.  |
| 2    | NEOREZ-9017  | 60          | XYLENE/TOLUENE | < 15              | 300+/-50 SEC. As Such                 | 10                                       | It is Super fast drying Resin that dries immediately on application and can replace NC as it dries equivalent drying. it is High viscosity and gives excellent hammer finish. It Does not required drier's for drying purpose. It completely dries without dryer |
| 3    | NEOREZ-9018  | 60          | XYLENE/TOLUENE | < 15              | 250+/-50 SEC. As Such                 | 10                                       | Very High Viscosity quick drying Resin for use in hammer finishes, powder coating finishes, wrinkle finishes and fast drying paints, primer & varnishes. It Does not required drier's for drying purpose. It completely dries without dryer                      |

# HARD RESIN

## ROSIN MODIFIED MALEIC RESINS

| SR # | PRODUCT CODE | COLOUR GARDNER(of 50% SOLUTION ) | MELTING POINT IN DEG. C. BALL & RING | ACID VALUE (mg KOH/g) | SOLUBILITY       | VISCOSITY 50% BY FC 4 @ 30° C. | SUGGESTED APPLICATION  |
|------|--------------|----------------------------------|--------------------------------------|-----------------------|------------------|--------------------------------|--|
| 1    | NEOREZ-1233  | 12 MAX                           | 120-125°C                            | MAX.20                | MTO              | 100-120 SEC. 50% in MTO        | This is oil soluble Hard Resin. Used for paints and varnishes to enhance the gloss , hardness, drying time, it can be used in nitrocellulose and chlorinated rubber paints, hammer finishes .                              |
| 2    | NEO REZ-1232 | 12 MAX                           | 100-115° C                           | MAX.20                | Spirit/ Methanol | 20-25 SEC. 50% in Methanol     | This is Spirit soluble Hard Resin. Used for paints and varnishes to enhance the gloss , hardness, drying time, it can be used in nitrocellulose and chlorinated rubber paints & Lacquer, Ball point Ink, hammer finishes . |

## ROSIN MODIFIED PHENOLIC RESINS

| SR # | PRODUCT CODE | COLOUR GARDNER(of 50% SOLUTION ) | MELTING POINT IN DEG. C. BALL & RING | ACID VALUE (mg KOH/g) | SOLUBILITY     | VISCOSITY 50% BY FC 4 @ 30° C.                                | SUGGESTED APPLICATION  |
|------|--------------|----------------------------------|--------------------------------------|-----------------------|----------------|---|--|
| 1    | NEO REZ-1236 | 12 MAX                           | 128-138                              | Max. 20               | XYLENE/TOLUENE | 13 -15 poise in 50% solution O- xylene by gardner tube @ 25°c | Paints, printing inks, insulating varnishes, oil varnishes, etc. |
| 2    | NEO REZ-1237 | 12 MAX                           | 140-150                              | Max. 20               | XYLENE/TOLUENE | 60 - 70 Sec. in toluene @ 50 % solution by FC4@ 30'C          | Paints, printing inks, insulating varnishes, oil varnishes, etc. |
| 3    | NEO REZ-1242 | 12 MAX                           | 160-165                              | Max. 20               | XYLENE/TOLUENE | 60 - 70 Sec. in toluene @ 50 % solution by FC4@ 30'C          | Heatset, quickset, high gloss, web offset printing inks.         |

# NEO AT A GLANCE

**Neo Pack Plast (India) Pvt. Ltd.**, an ISO 9001:2015 & ISO 14001:2015 Certified Company was established in 1978 for manufacture of MS Barrels. Its founder **Mr Aziz Khan** started this venture & made steady progress thus steered ahead the company to a leading multi-product company. Today Neo as a company has diversified into Synthetic Resins / Paints / LDPE & PP Liner Bags/ Construction Chemicals/Insulating Varnishes.

Neo also has proved to be a good manufacturing organization with expertise in Product Development / Sourcing & Inventory management / Quality Consistency. Neo hence is most sought outsourcing vendor for big corporates.

As part of diversification / backward integration, NEO moved into manufacture of Synthetic Resins in the year **1995** under brand **NEOREZ**. It finds a distinct place as a Raw Material for Paint manufacturers. Today NEOREZ caters to several paint companies as well as serves the captive requirement of Resins for NEO's own Paints & Electrical Insulating Varnish Manufacturing activities.

**Neo Pack Plast (India) Pvt. Ltd.**, strategically located in Central Vapi, Gujarat with an additional unit in Daman (U.T.) today can boast of having:

## ► SUPER INFRASTRUCTURE:

Skilled Manpower / Spacious Storage facilities for RM & FG / State of the art machinery and fully equipped laboratory. With a robust capacity as below NEO is successful in meeting big volume requirement of customers.

- Paints & Coatings 7200 MT Annually
- Resins & Varnish 6000 MT Annually
- Building Materials 2400 MT Annually
- Liner Bags 5000 MT Annually

## ► STRONG R&D SETUP:

Qualified Manpower / Quality Machinery as per global standard/ Exclusive personnel for each product range.

## ► STRONG SALES & MARKETING TEAM :

Spread across India with Branches/Representatives/Channel partners in Andhra Pradesh, Chattisgarh, Delhi & NCR, Goa, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telengana, Uttar Pradesh, Uttrakhand, etc.

## NEO BUSINESS INCLUDES:

### NEO PAINTS:

Product include Industrial & Decorative Paints.

### NEO RESINS:

Product include High Quality Synthetic Resins.

### NEO VARNISH:

Product include Electrical Insulating Varnishes & Thinners.

### NEO BUILDING MATERIAL:

Mfg. of Waterproofing Coating, Bonding Agents, Admixtures. etc.

### NEO PLAST:

Manufacturing wide range of Plastic Products of Liner Bags, Garbage Bags, LDPE Shrink Film, LDPE Stretch Film.

### NEO BARRELS:

MS Barrels

## NEO PACK PLAST (INDIA) PVT. LTD.

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Ph.: +91-72288 62277 / +91-72278 57700 / +91-72260 77889

DAMAN : Plot No. 18, Somnath Industrial Co-operative Society Ltd.,

Village Dabhel, Daman - 396210. (U.T.) Ph.: +91-72270 60066

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