



## LONG OIL ALKYDS

| Product Nomenclature | % Non-Volatile at 120°C/ 1hr. | Solvent | General Ingredients (Modification) | Oil Length (%) | Acid Value (Max.) (mgs. of KOH/gm) | Dilution solvent % for testing Colour & Viscosity | Colour (Max.) (Gardner) | Viscosity at 30°C |                                 | Recommended Usages   |
|----------------------|-------------------------------|---------|------------------------------------|----------------|------------------------------------|---|-------------------------|-------------------|---------------------------------|--|
|                      |                               |         |                                    |                |                                    |   |                         | Stokes (Gardner)  | Seconds (Ford Cup)              |  |
| Replakyd 513         | 99±1                          | –       | Linseed oil, Penta                 | 66             | 10                                 | M.T. / 50   | 6                       | –                 | 55-65                           | High gloss enamels and printing inks   |
| Replakyd 514         | 70±2                          | M.T.O   | Fatty Acid Penta                   | 60             | 10                                 | M.T.O/50  | 6                       | –                 | 150-170                         | First quality enamels  |
| Replakyd 515 (100%)  | 99±1                          | –       | Linseed oil, Penta                 | 64             | 10                                 | M.T. / 50   | 7                       | –                 | 100-120                         | First quality enamels and printing inks  |
| Replakyd 515 (60%)   | 60±1                          | M.T.    | Linseed oil, Penta                 | 64             | 10                                 | M.T. / 50   | 7                       | –                 | 105-120                         | -do-   |
| Replakyd 516 (100%)  | 99±1                          | –       | Semi drying oil, Penta             | 64             | 10                                 | M.T. / 50   | 6                       | –                 | 60-80                           | Non-yellowing white first quality enamels, roller coatings, insulating varnishes, etc. |
| Replakyd 516 (70%)   | 70±1                          | M.T.    | Semi drying oil, Penta             | 64             | 10                                 | M.T. / 50   | 6                       | –                 | 60-80                           | -do-   |
| Replakyd 520         | 70±2                          | Xylene  | Fatty Acid Penta                   | 60             | 33                                 | Xylene/55   | 6                       | –                 | 55-65                           | Acrylic compatible   |
| Replakyd 521         | 70±2                          | M.T.O   | Fatty acid , Penta / Glycerine     | 60             | 15                                 | M.T.O/50  | 6                       | –                 | 100-120 secs on FCB4 @ 25 deg C | First quality Enamels  |

## ROSINATED ALKYDS

| Product Nomenclature | % Non-Volatile at 120°C/ 1hr. | Solvent | General Ingredients (Modification) | Oil Length (%) | Acid Value (Max.) (mgs. of KOH/gm) | Dilution solvent % for testing Colour & Viscosity | Colour (Max.) (Gardner) | Viscosity at 30°C |                    | Recommended Usages   |
|----------------------|-------------------------------|---------|------------------------------------|----------------|------------------------------------|---|-------------------------|-------------------|--------------------|--|
|                      |                               |         |                                    |                |                                    |   |                         | Stokes (Gardner)  | Seconds (Ford Cup) |  |
| Replakyd 540         | 51±1                          | M.T.    | Linseed oil, Penta                 | 40             | 30                                 | M.T. / 40   | 12                      | –                 | 200-240            | Air drying / stoving Industrial finishes & primers   |
| Replakyd 575         | 51±1                          | M.T.    | DCO, Penta                         | 46             | 25                                 | M.T. / 40   | 11                      | –                 | 120-140            | Economic air drying Paints and Primers Low cost Industrial stoving finishes, Primers, etc. |

**RESINS & PLASTICS LTD.**

Regd. Off.: Plot No. A-8, Marol Industrial Estate of MIDC, Cross Road B, Street No.5, Andheri (E), Mumbai - 400 093. India. Tel.: +91- 22- 6198 7000 Email : info@resplast.com

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## SHORT OIL ALKYDS

| Product Nomenclature | % Non-Volatile at 120°C/ 1hr. | Solvent | General Ingredients (Modification) | Oil Length (%) | Acid Value (Max.) (mgs. of KOH/gm) | Dilution solvent % for testing Colour & Viscosity | Colour (Max.) (Gardner) | Viscosity at 30°C |                    | Recommended Usages   |
|----------------------|-------------------------------|---------|------------------------------------|----------------|------------------------------------|---|-------------------------|-------------------|--------------------|--|
|                      |                               |         |                                    |                |                                    |   |                         | Stokes (Gardner)  | Seconds (Ford Cup) |  |
| Replakyd 523         | 69±1                          | Xylene  | DCO Glycerine                      | 38             | 20                                 | Xylene / 50                                       | 7                       | 6-8               | –                  | Stoving enamel   |
| Replakyd 524         | 70±2                          | Xylene  | Saturated Fatty acid /DCO          | 35             | 10-20                              | Xylene / 50                                       | 3                       | 6-10 ps           | –                  | White stoving finishes, NC lacquers                            |
| Replakyd 525         | 70±2                          | Xylene  | DCO Glycerine                      | 40             | 15                                 | Xylene / 60<br>Xylene / 50                        | 8<br>6                  | 8-12<br>165-3 ps  | 80±10              | Stoving enamels for refrigerators, washing machines and others |
| Replakyd 526         | 70±2                          | Xylene  | Coconut Oil Glycerine              | 30             | 10-20                              | Xylene / 50                                       | 3                       | 6-8               | –                  | White stoving finishes, and NC lacquers                        |
| Replakyd 527         | 70±2                          | Xylene  | Mixed fatty acid, Glycerine        | 30             | 5                                  | Xylene / 50                                       | 4                       | 4.35-5.5          | –                  | Acid curing wood finishes                                      |

## MEDIUM OIL ALKYDS

| Product Nomenclature | % Non-Volatile at 120°C/ 1hr. | Solvent | General Ingredients (Modification) | Oil Length (%) | Acid Value (Max.) (mgs. of KOH/gm) | Dilution solvent % for testing Colour & Viscosity | Colour (Max.) (Gardner) | Viscosity at 30°C |                     | Recommended Usages  |
|----------------------|-------------------------------|---------|------------------------------------|----------------|------------------------------------|---|-------------------------|-------------------|---------------------|---|
|                      |                               |         |                                    |                |                                    |   |                         | Stokes (Gardner)  | Seconds (Ford Cup)  |   |
| Replakyd 517 (60%)   | 60±2                          | Aromax  | Semi drying oil                    | 55             | 20 Max                             | Aromax / 50                                       | 10 Max                  | –                 | 250-300             | Can coating, Tube coating   |
| Replakyd 518         | 51±1                          | M.T.    | Linseed oil mixed polyol           | 45             | 15                                 | M.T. / 40   | 11 Max.                 | –                 | 130±10              | Primer for NC coatings, good corrosion & water resistant coatings, auto primer. |
| Replakyd 519 (100%)  | 99±1                          | –       | Linseed oil mixed polyol           | 52             | 10                                 | M.T. / 50   | 10                      | 10-12             | –                   | Toy enamels, primers and undercoats, furniture enamels, Printing Inks           |
| Replakyd 519 (60%)   | 60±1                          | M.T.    | Linseed oil mixed polyol           | 52             | 10                                 | M.T. / 50   | 10                      | 22-34             | 60-80 (40% in M.T.) | -Do-  |

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## SPECIALIZED ALKYDS

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|----------------------|-------------------------------|-----------------|------------------------------------|----------------|------------------------------------|---|-------------------------|------------------------------------|--------------------|---|
|                      |                               |                 |                                    |                |                                    |   |                         | Stokes (Gardner)                   | Seconds (Ford Cup) |   |
| Replakyd 536         | 55±1<br>70±1                  | Xylene          | Fatty acid Penta                   | 27             | 15                                 | Xylene/<br>As supplied                            | 7                       | 34-63<br>at 25°C in<br>55% solids  | -                  | Quick drying machinery paints   |
| Replakyd 537         | 60±1.5                        | Xylene          | Fatty acid Penta                   | 36             | 10                                 | O-Xylene<br>50%                                   | 6                       | 27-46<br>at 25°C                   | 95-115             | Wide range of vehicle refinishing. Quick drying enamels   |
| Replakyd 538         | 55±2                          | Xylene          | Fatty acid Penta                   | 25             | 15                                 | Xylene  | 8                       |                                    | 55-75              | Fast Drying paint for vehicle refinishes, machinery paints  |
| Replakyd 581         | 55±1<br>70±1                  | M.T./<br>Xylene | Fatty acid Mixed Polyols           | 42             | 12                                 | As supplied                                       | 6                       | 27-46<br>at 25°C in<br>55% solids  | -                  | Wide range of vehicle refinishing. Fast drying industrial paints                                      |
| Replakyd 584         | 55±1                          | Xylene          | Fatty acid Mixed Polyols           | 42             | 12                                 | As supplied                                       | 7                       | 8-10<br>at 25°C                    | -                  | Air drying auto refinishing, low bake industrial stoving enamel, two pack polyurethane based coatings |
| Replakyd 589         | 55±1                          | M.T.            | Urethane alkyd                     | 50             | 5                                  | M.T. / 50<br>As supplied                          | 10                      | 22-46<br>at 25°C                   | -                  | Wood finishes in view of excellent resistance to general house hold products                          |
| Replakyd 591         | 60±2                          | Xylene          | Acrylated alkyd                    | 29             | 10                                 | As supplied                                       | 8                       | 22-34<br>at 25°C                   | -                  | Decorative metal finishes   |
| Replakyd 593 (55%)   | 55±1                          | Xylene          | Acrylated alkyd                    | 26             | 15                                 | Xylene/<br>As supplied                            | 6                       | 12-27<br>at 25°C                   | -                  | Quick drying Chemical Resistant paints  |
| Replakyd 593 (50%)   | 50±1                          | Xylene          | Acrylated alkyd                    | 30             | 10                                 | Xylene/<br>As supplied                            | 4 Max.                  | 8-12                               | -                  | Quick drying Machinery paints   |
| Replakyd 598         | 55±2                          | Garasol 150     | Acrylated Alkyd                    | 26             | 10                                 | Garasol 150<br>as supplied                        | 8                       | 20 - 30 at<br>25°C<br>(Brookfield) |                    | Suitable for Roller Coating paint for can coatings. Machinery paints                                  |
| Replakyd 595         | 55±1                          | M.T.            | Phenolic Resin Modified Alkyd      | 44             | 15                                 | M.T. / 40   | 12                      | -                                  | 180 ±20<br>at 30°C | Oil based Primer used in NC. Good corrosion & water resistant coatings                                |

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