

KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,
Thane Belapur Road, Dist. Thane, Navi Mumbai. INDIA.

Ph: (91)22-26854728, (91)22-26854808. Fax : (91)22-26854438

TECHNICAL DATA SHEET

KAMICRYL-76

Kamicryl-76 is an aqueous polymer emulsion specially designed for cementitious compositions. Cement mortars modified with Kamicryl-76 are hard, tough and durable. Compared with unmodified mortars, Kamicryl-76 modified mortars have superior flexural, compressive, adhesive and impact strength, as well as excellent abrasion resistance. They are especially useful where thin sections are desirable and where excessive vibration and heavy traffic are encountered.

Kamicryl-76 has excellent water proofing capability and widely used for water proofing of floors, rooftops, basements and maintenance of seepage and leakage. It can be used for crack filling and as tile jointing compound by mixing with white cement.

Kamicryl-76 modified cement mortars have excellent adhesion top a variety of surfaces such as concrete, masonry, brick, wood, metals etc.

Kamicryl-76 modified cement mortars do not require wet curing as Kamicryl-76 holds the water in the system sufficient for cement curing. Kamicryl-76 increases workability of the mortar at one side and at the other side thin sections dry rapidly.

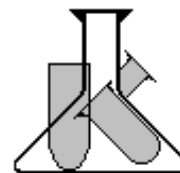
Kamicryl-76 cement mortars are resistant to many industrial chemicals, ultra violet light and heat.

TYPICAL PROPERTIES

Appearance	: White , milky liquid
Solids content	: 47 ± 1 %
pH when packed	: 9.5 to 10.0
Specific gravity	: 1.058
Freeze thaw stability	: 5 cycles
Minimum film formation temp.	: 10° C TO 12° C

STORAGE ADVANTAGES: Kamicryl-76 is sediment free and stable. These characteristics ensure trouble free storage and packing stability for extended periods of time.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.



KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,
Thane Belapur Road, Dist. Thane, Navi Mumbai. INDIA.

Ph: (91)22-26854728, (91)22-26854808. Fax : (91)22-26854438

TECHNICAL DATA SHEET

Kamicryl - 2505

Kamicryl -2505 is an 100% Acrylic Copolymer used extensively in premium elastomeric high-build, texture and roof coatings.

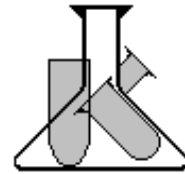
Physical Properties :

Appearance	:	Milky, White Emulsion
Solid Content	:	50 ± 1 %
Viscosity at 30°C (Brookfield RVT, cps)	:	500
pH	:	7 to 8.5
Minimum Film Forming Temp.	:	< 0 °C
Glass Transition Temp.(Tg):	:	-22°C
Density @ 25°C, Kg/litre :	:	1.04
Elongation at break	:	500 %

Key Features and benefits to formulators:

- Good mechanical shear resistance
- Permanent flexibility, toughness and recovery characteristics over a wide temperature range
- No external plasticisers, solvents or 'flexibilising' co-polymers are necessary as Kamicryl -2505 is fully internally plasticised
- Excellent resistance to dirt pick-up
- Excellent exterior durability and UV resistance
- 'Breathability' to water vapour prevents build-up due to moisture migration in masonry substrates
- Good protection for masonry against attack by carbon dioxide and other acidic gases
- Exceptionally wide utility in the Paint and Construction industry.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.



KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,
Thane Belapur Road, Dist. Thane, Navi Mumbai. INDIA.

Ph: (91)22-26854728, (91)22-26854808. Fax : (91)22-26854438

KAMICRYL – 5010 **Thermoplastic Acrylic Resin**

Kamicryl-5010 is an Co-polymer of various Acrylic Monomers available in free flowing solids and solution form.

These are extensively used in the formulation of Lacquers and speciality coatings.

Kamicryl-5010 shows the following characteristics :

- Outstanding weatherability and resistance to ultra violet degradation
- Water clear transparency
- High gloss, hardness and adhesion to various substrates like metals, plastics, wood, concrete
- Excellent resistance to water, alcohols, oils, solvents, chemical fumes, dilute acids, alkalies

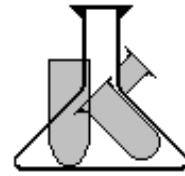
Product

Specification :	Solid content	:	46 ± 1% in toluene
	Viscosity at 30 °C	:	5 – 10 poise
	Brookfield RVT Sp.3		
	20rpm (30% Solution in Toluene)		
	Acid Value	:	3 - 7
	(mgm KOH/gm)		
	Properties Of Film	:	Tough,durable film

Typical Applications :

- Hard but flexible coatings/paints for vinyl plastics and Polystyrene surfaces
- Upgrading of alkyd based synthetic enamels and marine paints
- Automotive finishes and refinishes
- Metal decoration coatings and lacquers
- Concrete coatings and sealants

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.



KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,
Thane Belapur Road, Dist. Thane, Navi Mumbai. INDIA.

Ph: (91)22-26854728, (91)22-26854808. Fax : (91)22-26854438

TECHNICAL DATA SHEET

Kamicryl - 61

Kamicryl-61 is an 100% Acrylic Emulsion possessing excellent durability, adhesion, gloss and water resistance, designed for the formulation of premium quality exterior masonry paints and textured finishes. Paints based on Kamicryl-61 shows outstanding flow, levelling and film buildup. These properties improvement combined with excellent colour acceptance and a high degree of resistance to dirt pickup, make it possible to formulate a wide range of premium paints. It is a surfactant stabilized system.

Physical Properties :

Appearance	:	Milky, White Emulsion
Solid Content	:	50 ± 1 %
Viscosity at 30°C (Brookfield RVT, cps)	:	250
pH	:	9 to 10
Minimum Film Forming Temp.	:	18 °C
Glass Transition Temp.(Tg):	:	17 °C
Density @ 25°C, Kg/litre :	:	1.08
Elongation at break	:	200 %

Key Features and benefits to formulators:

- Excellent exterior durability.
- Fast hardness development
- Superior adhesion and water resistance
- Excellent resistance to dirt pick-up
- Exceptionally wide utility in the construction industry. Kamicryl-61 is useable in texture coatings, marble finishes, clear glaze masonry coatings and as a co-binder in elastomeric wall coatings.
- Excellent gloss for clear glaze coatings.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
