



IFFCO CHEMICALS FZE





TURKEY



KSA



MALAYSIA



MALAYSIA



UAE



PAKISTAN

Our Global Presence

IFFCO is a United Arab Emirates based innovative and integrated multi food products Group. With an established global presence, the Group offers a wide range of food products, related derivatives, intermediates and services.

Key business segments

Chemicals
Impulse Foods
Agri Business
Oils & Fats
Packaging
Sales and Distribution

International network

The IFFCO Group worldwide comprises of 32 offices and 30 manufacturing facilities in 10 countries. From the Group comes some well-known brand leaders including:





IFFCO Chemicals FZE

In line with the Group's long term vision of diversifying into the Chemicals segment, as a first step, IFFCO Chemicals FZE was formed in October 2014.

Conveniently located in the Hamriyah Free Zone, United Arab Emirates, the Company's state of the art plant with a capacity of approximately 40,000 tonnes caters to the Coatings, Composites & Adhesive Industries.

With a well-diversified product portfolio backed by an advanced R&D facility and robust supply chain network, we cater to various customers in the UAE, GCC, Levant, Africa & the Indian sub-continent.

Going forward, the Group aims to have a formidable footprint in the Chemicals segment with a multi-locational present and a state-of-the-art applications center to meet differentiated market demands whilst maintaining product quality.



Alkyds



Specialty Alkyds



Specialty Resins



Unsaturated Polyester Resins



Adhesives & Sealants

DISCLAIMER

The information and recommendations contained herein are presented for guidance only. As there are several factors beyond our control that may affect processing or application thereof, it is necessary to undertake appropriate tests to determine product suitability for its intended use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described herein, or information set forth, or that the products, designs, or data may be used without infringing the intellectual property rights of others. In no case shall the information provided be presumed to be a part of our terms and conditions of sale. The information furnished by IFFCO Chemicals FZE herein are given gratis and IFFCO Chemicals FZE assumes no obligation or liability for the same. Please refer to our website www.iffcochemicals.com for further details.



FINDING BEST SOLUTIONS

Alkyds

“ The most common solvent based resin for decorative paints ”

Our Alkyds are ideal to give you the durability and reliability. We can confidently say this based on our clients' experience with our products.

Alkyds

Alkyds

LONG OIL ALKYDS

Product	Non Volatile %	Solvent	Color, Gardner	Viscosity B4 F/C @ 30°C	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Oil Type	% Oil (approx)	Properties	ACE	Architectural	Automotive & OEM	Construction & flooring	General Metal	Vehicle refinish	Wood	Plastic
SOAL 630 55%	55 ± 2	White Spirit	5 max (50% NV)	150 - 170 sec (50% NV)	5 - 6 (50% NV)	< 10	Veg Oil/Fatty acid	57	Good drying, hardness and gloss retention	●	●			●			
SOAL 630 70%	70 ± 2	White Spirit	5 max (50% NV)	150 - 260 sec (50% NV)	7 - 15 (50% NV)	< 10	Veg Oil/Fatty acid	57	Good drying, hardness and gloss retention	●	●			●		●	
TOAL 630 F 70%	70 ± 2	White Spirit	5 max (50% NV)	180 - 220 sec (50% NV)	7 - 10 (50 % NV)	< 12	Fatty acid	57	Good gloss and gloss retention, yellowing resistance	●	●			●		●	
SOAL 630 80%	80 ± 2	White Spirit	5 max (50% NV)	150 - 260 sec (50% NV)	8 - 15 (50% NV)	< 10	Veg Oil/Fatty acid	57	Low VOC, good drying, hardness and gloss retention	●	●			●		●	
SOAL 630 98%	98 ± 2	2% Xylene	5 max (50% NV)	150 - 260 sec (50% NV)	8 - 15 (50% NV)	< 10	Veg Oil/Fatty acid	57	High solids, good gloss, drying & hardness	●	●			●			
SOAL 631 70%	70 ± 1	White Spirit	5 max (50% NV)	-	170 - 200 (70% NV)	< 10	Veg Oil/Fatty acid	58	Good flow & levelling, gloss & durability	●	●			●		●	
SOAL 631 55%	55± 2	White Spirit	5 max (50% NV)	170 - 210 sec as such	6.5 - 7.5 (55%NV)	< 10	Veg Oil/Fatty acid	58	Good gloss, drying & yellowing resistance	●	●			●		●	
TOAL 631 F 60%	60 ± 2	White Spirit	5 max (50% NV)	130 - 170 sec (50% NV)	4 - 6 (50 % NV)	< 12	Fatty acid	58	High gloss and good gloss retention, good toughness & flexibility	●	●			●		●	
SOAL 632 70%	70 ± 2	White Spirit	5 max (50% NV)	170 - 210 sec (50% NV)	6 - 8 (50 % NV)	< 10	Veg Oil/Fatty acid	58	Fast drying, good hardness and gloss	●	●			●		●	
SOAL 633 F 70%	70 ± 2	White Spirit	5 max (50% NV)	170 - 210 sec (50% NV)	6 - 10 (50 % NV)	< 10	Fatty acid	57	Fast drying, excellent gloss & gloss retention	●	●			●		●	
SOAL 636 F 70%	70 ± 2	White Spirit	5 max (50% NV)	-	60 - 100 (50 % NV)	< 10	Fatty acid	57	High viscosity, fast drying, good gloss & yellowing resistance	●	●			●		●	

MEDIUM OIL ALKYDS

Product	Non Volatile %	Solvent	Color, Gardner	Viscosity B4 F/C @ 30°C	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Oil Type	% Oil (approx)	Properties	ACE	Architectural	Automotive & OEM	Construction & flooring	General Metal	Vehicle refinish	Wood	Plastic
SOAL 530 F 50%	50 ± 2	White Spirit	5 max	200 - 245 sec (40% NV)	170 - 200 (50% NV)	< 12	Veg Oil/Fatty acid	45	Good color & gloss retention, good pigment wetting	●	●			●	●	●	
SOAL 530 50%	50 ± 1	White Spirit	3 max (40% NV)	225 - 245 sec (40% NV)	170 - 200 (50% NV)	< 10	Veg Oil/Fatty acid	46	Good color & gloss retention , yellowing resistance	●	●			●		●	
SOAL 530 F 55%	55 ± 2	White Spirit	5 max	-	90 - 110 (55% NV)	5 - 10	Veg Oil/Fatty acid	47	Good drying, hardness, gloss & yellowing resistance	●	●			●	●	●	
SOAL 530 60%	60 ± 2	White Spirit	5 max (50% NV)	-	18 - 25 (50 % NV)	< 10	Veg Oil/Fatty acid	50	Good drying, hardness & gloss	●	●			●		●	
TOAL 530 F 60%	60 ± 2	White Spirit	5 max (50% NV)	-	10 - 25 (50% NV)	< 10	Veg Oil/Fatty acid	45	Good gloss, drying, hardness & yellowing resistance		●			●			
SOAL 516 60%	60 ± 2	Xylene	5 max	-	30 - 40	< 12	Veg Oil/Fatty acid	45	Good gloss, drying, hardness & yellowing resistance		●			●			



OPPORTUNITIES TO GROW

Specialty **Alkyds**

“Shaping a sustainable coatings future, together”

Extremely flexible in our capabilities to produce and formulate products to meet customers requirements. We cover a wide range of products from wood coating to General Purpose Industrial applications.

Short Oil Alkyds

Modified Alkyds

NON DRYING

Product	Non Volatile %	Solvent	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Color, Gardner	OH Content %	Oil Type	% Oil (approx)	Properties	ACE	Architectural	Automotive & OEM	Construction & flooring	General Metal	Vehicle refinish	Wood	Plastic
COAL 480 F 60%	60 ± 2	Xylene	12 - 20 (50% NV)	< 10	2 max (50% NV)	4.0 ± 0.3	Coconut Oil Fatty acid (COFA)	30	Light color, excellent gloss & durability, high viscosity					●	●	●	
COAL 480 F 70%	70 ± 2	Xylene	6 - 8 (50% NV)	<10	2 max (50% NV)	4.0 ± 0.3	Coconut Oil Fatty acid (COFA)	30	Light color, excellent gloss & durability, high solids & low viscosity					●	●	●	
COAL 481 F 70%	70 ± 2	Xylene	6 - 8 (50% NV)	< 10	2 max (50% NV)	3.0 ± 0.3	Coconut Oil Fatty acid (COFA)	30	Light color, excellent gloss & durability, low viscosity & low OH content					●	●	●	
COAL 485 F 70%	70 ± 2	Xylene	12 - 20 (50% NV)	< 12	2 max (50% NV)	4.0 ± 0.3	Coconut Oil Fatty acid (COFA)	30	Light color, excellent gloss & durability, high viscosity					●	●	●	
COAL 532 60%	60 ± 2	Xylene	25 - 45 (60% NV)	< 15	4 max	3.8 ± 0.2	Castor Oil	45	Excellent gloss, hardness & flexibility					●		●	

DRYING/CHAIN STOPPED

DOAL 450 60%	60 ± 2	Xylene	25 - 30 (50% NV)	<10	6 max (50% NV)	4.5 ± 0.3	DCO	37	Quick drying, good hardness & flexibility	●				●			
SOAL 450 70%	70 ± 2	Xylene	15 - 25 (50% NV)	< 10	5 max (50% NV)	4.3 ± 0.2	Soya Oil	34	Quick drying, good gloss & hardness	●				●		●	
SOAL 451 70%	70 ± 2	Xylene	15 - 25 (50% NV)	< 10	5 max (50% NV)	3.3 ± 0.2	Soya Oil	35	Quick drying , good hardness, chemical resistance	●				●		●	
SOAL 480 F 60%	60 ± 2	Xylene	130 - 180 (60% NV)	< 15	4 Max	3.8 ± 0.3	SOFA	40	Fast drying, good hardness & flexibility	●				●		●	
TOAL 480 F 60%	60 ± 2	Xylene	150 - 220 (60% NV)	< 10	5 Max	3.8 ± 0.3	TOFA	39	Fast drying, good gloss & gloss retention, yellowing resistance	●				●		●	
TOAL 482 F 60%	60 ± 2	Xylene	10 - 20 (50% NV)	< 12	4 Max	4.0 ± 0.2	TOFA	28	Fast drying, good gloss & gloss retention, yellowing resistance	●				●		●	
TOAL 484 F 55%	55 ± 2	Xylene	60 - 150 (55% NV)	< 15	6 Max	4.0 ± 0.2	TOFA	30	Very quick air drying, good gloss & hardness	●				●		●	

STYRENATED ALKYD

Product	Non Volatile %	Solvent	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Color, Gardner	Oil Type	% Oil (approx)	Properties	ACE	Architectural	Automotive & OEM	Construction & flooring	General Metal	Vehicle refinish	Wood	Plastic
DOAL 480 S 60%	60 ± 2	Xylene	20 - 40	< 12	5 Max	DCO/SOYA Oil	30	Quick drying, excellent hardness, Good resistance to water & chemicals	●				●			
DOAL 480 SHV 60%	60 ± 2	Xylene	40 - 60	< 12	5 Max	DCO/SOYA Oil	30	High viscosity, quick drying, excellent hardness, good chemical resistance	●				●			
DOAL 480 S 70%	70 ± 2	Xylene	110 - 140	< 12	5 Max	DCO/SOYA Oil	30	Quick drying, excellent hardness, good resistance to water and chemicals	●				●			
DOAL 482 SHV 55%	55 ± 2	Xylene	300 - 500	< 10	5 Max	Linoleic rich veg. Oil	27	Very high viscosity, quick drying, excellent hardness & chemical resistance	●				●			

URETHANE ALKYD

SOAL 430 U 55%	55 ± 2	White Spirit	250 - 350	< 5	7 Max (45% NV)	Veg. Oil/Fatty acid	60 ± 2	Fast drying, excellent hardness, good abrasion, mar & chemical resistance	●				●		●	
SOAL 431 U 55%	55 ± 2	White Spirit	12 - 25	< 5	7 Max (45% NV)	Veg. Oil/Fatty acid	60 ± 2	Low viscosity, good drying & hardness	●				●		●	
SOAL 432 U 60%	60 ± 2	White Spirit	45 - 65	< 4	6 Max	Veg. Oil/Fatty acid	60 ± 2	Fast drying, good hardness, good resistant to water & chemicals	●				●		●	

A black and white photograph of laboratory equipment, including two large glass reactors with stirrers on magnetic stirrers, connected by various tubes and hoses. The background is a white tiled wall.

FOCUSING ON
**GETTING IT
RIGHT!**

A close-up photograph of a car's body panel, showing a smooth, glossy red finish. A hand is visible holding a spray gun, applying paint to the surface.

Specialty **Resins**

"Specializing in the Chemistry of Growth"

We cover a wide range of applications from Wood Coatings, Industrial Coatings, Protective Coatings, OEM Applications and Auto Refinish. Complete understanding of the customers requirements gets translated in our state-of-the-art laboratory.

Specialty Resins

Specialty Resins

THERMOPLASTIC ACRYLIC RESINS

Product	Non Volatile %	Solvent	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Color, Gardner	Tg °C	Properties	ACE	Architectural	Automotive & OEM	Construction & flooring	General Metal	Vehicle refinish	Wood	Plastic
THERMACRIL 310 55%	55 ± 2	Xylene	95 - 115	<10	1 Max	28.0	Low Tg, good drying, flexibility, gloss and durability, aerosol coating				●	●			
THERMACRIL 310 50%	50 ± 2	Xylene	40 - 70	<10	1 Max	50.0	Good drying, flexibility, gloss and durability, aerosol coating		●		●	●			
THERMACRIL 410 60%	60 ± 2	Xylene	150 - 200	<10	1 Max	48.0	Moderate Tg, good abrasion resistance, alkali and humidity resistance, aerosol coating		●		●	●			
THERMACRIL 510 60%	60 ± 2	Xylene	150 - 200	<10	1 Max	60.5	High Tg, fast drying, excellent hardness & abrasion resistance, aerosol coating		●		●	●			
THERMACRIL 412 60%	60 ± 2	Xylene	400 - 500	<10	1 Max	60.0	High Tg, fast drying, excellent hardness & abrasion resistance				●	●			
THERMACRIL 411 60%	60 ± 2	Xylene	200 - 220	<10	1 Max	30.0	High viscosity with moderate Tg, good gloss and yellowing resistance				●	●			
THERMACRIL 330 50%	50 ± 2	White Spirit	45 - 75	<5	1 Max	27.0	Non- yellowing, high gloss, good binding & adhesion		●		●	●			
THERMACRIL 610 60%	60 ± 2	SN 100	170 - 230	<10	1 Max	42.0	Moderate Tg, good drying, abrasion resistance, alkali and humidity resistance		●		●	●			

ACRYLIC POLYOLS FOR GENERAL INDUSTRIAL APPLICATIONS

IFFCO Grade	%Solids	Solvent	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Color, Gardner	Hydroxyl Value, mgKOH/g	OH Content %	Properties	Primer	Topcoat	2K	General Metal & Maintenance	Marine & Protective	Wood	Plastic
CRYOL 911 60%	60 ± 2	Xylene	15 - 30	2 to 6	1 Max	60 - 65	1.9 ± 0.2	Good gloss, adhesion & hardness	●	●	●	●		●	●
CRYOL 912 55%	55 ± 2	Xylene	15 - 30	<10	1 Max	60 - 65	1.8	Good gloss, adhesion & hardness	●	●	●	●			●
CRYOL 919 60%	60 ± 2	SN100	15 - 30	< 10	1 Max	60 - 66	1.8 ± 0.2	Good gloss, adhesion & hardness	●	●	●	●		●	●
CRYOL 919 60%	60 ± 2	Xylene	15 - 30	< 10	1 Max	60 - 66	1.8 ± 0.2	Fast drying, good gloss, adhesion & hardness.	●	●	●	●		●	●
CRYOL 941 50%	50 ± 2	Xylene/Butyl acetate	45 - 60	2 to 6	1 Max	29 - 36	1 ± 0.1	Good gloss, adhesion & hardness	●	●	●	●		●	●
CRYOL 943 60%	60 ± 2	XL/SN/BA	30 - 50	< 10	1 Max	115 - 125	3.6 ± 0.2	Good gloss, gloss retention, adhesion & hardness	●	●	●	●			
CRYOL 945 70%	70 ± 1	Xylene	20 - 30	8 - 12	1 Max	65 - 80	2.3 ± 0.3	Good gloss,good mechanical properties & chemical resistance	●	●	●	●	●		
CRYOL 946 80%	80± 2	Butyl acetate	60 - 90	10 max	1 Max	65 - 75	2.1 ± 0.2	High solids, low Voc Excellent gloss & gloss retention	●	●	●	●	●		
CRYOL 947 70%	70 ± 1	Xylene:SN 100	13 - 35	5 - 8	1 Max	95 - 110	3.1 ± 0.2	Durable, flexible & tough, good mechanical properties & chemical resistance	●	●	●	●	●		
CRYOL 948 60%	60 ± 1	SN100	13 - 25	< 10	1 Max	75 - 100	2.6± 0.4	Durable, flexible & tough, good chemical resistance	●	●	●	●		●	●
CRYOL 951 60%	60 ± 2	SN100	25 - 45	< 10	1 Max	40.00	1.2 ± 0.2	High gloss, excellent mechanical properties & chemical resistance	●	●	●	●			
CRYOL 952 60%	60 ± 2	Xylene	25 - 40	< 10	1 Max	88 - 90	2.7 ± 0.1	Fast dry, durable, good chemical & stain resistance	●	●	●	●		●	
CRYOL 953 60%	60 ± 2	Xylene:Butyl acetate	15 - 25	5 to 8	1 Max	60 - 66	1.8 ± 0.2	Good mechanical, chemical & weathering properties	●	●	●	●		●	●
CRYOL 954 60%	60 ± 2	Xylene:Cellosolve acetate	10 - 25	< 6	1 Max	90 - 95	2.8 ± 0.1	Good flow & levelling, good mechanical, chemical & weathering properties	●	●	●			●	●
CRYOL 958 50%	50±2	Xylene:iso butanol	6 - 12	2 to 5	1 Max	100 - 110	3.2 ± 0.2	1K stoving, good mechanical, chemical & weathering properties,	●	●		●			
CRYOL 960 60%	60±2	Xylene	13 - 23	3 to 6	1 Max	43 - 63	1.6 ± 0.3	Durable, tough, good chemical & weathering resistance	●	●	●	●			

Specialty Resins

Specialty Resins

ACRYLIC POLYOLS FOR 2 PACK PU FOR AUTO OEM & REFINISHES

IFFCO Grade	%Solids	Solvent	Viscosity (Poise @ 25° C)	Acid value, mg KOH/g	Color, Gardner	Hydroxyl Value, mgKOH/g	OH Content %	Properties	Primer	Topcoat	2K	General Metal & Maintenance	Marine & Protective	Wood	Plastic
CRYOL 912 60%	60±2	Xylene	40-80	<10	1 Max	80-90	2.6+/-0.2	Good gloss, gloss retention, adhesion & hardness	●	●	●	●			
CRYOL 942 65%	65±2	Butyl acetate	30 - 50	<10	1 Max	135 - 145	4.2 ± 0.2	Excellent gloss & gloss retention, good mechanical & chemical resistance		●	●	●			
CRYOL 949 50%	50 ± 1	Xylene	10 - 23	4 to 10	1 Max	125-138	4± 0.2	Good flow & levelling, good gloss & weathering performance		●	●	●			
CRYOL 950 60%	60 ± 1	Xylene	60 - 100	< 10	1 Max	90-95	2.8± 0.1	Fast dry, durable, very good mechanical & chemical properties	●	●	●	●			
CRYOL 955 53%	53 ± 2	Butyl acetate	40 - 60	< 6	1 Max	37 - 49	1.3 ± 0.2	fast dry, very good hardness & light fastness	●	●	●	●			
CRYOL 956 70%	70±2	Butyl acetate	70 - 110	<10	1 Max	135 - 145	4.2 ± 0.2	High solid & high gloss, excellent mechanical, chemical & weathering properties		●	●				
CRYOL 957 60%	60±2	Xylene:PMA	25 - 45	<10	1 Max	135 - 145	4.2 ± 0.2	High solid & high gloss, excellent mechanical, chemical & weathering properties		●	●				
CRYOL 959 60%	70±2	Butyl acetate	35 - 60	8 to 14	1 Max	135 - 145	4.2 ± 0.2	High solid & high gloss, excellent mechanical, chemical & weathering properties		●	●	●			

HIGH PERFORMANCE COATING APPLICATIONS

IFFCO Grade	%Solids	Solvent	Viscosity (Poise @ 25° C)	EEW (g/eq)	OH Content %	Color, Gardner	Properties	Primer	Topcoat	2K	Architectural	Construction & Flooring	Marine & Protective
APS 7100 70%	70 ± 2	Butyl acetate	6 - 12	450-550	-	1 Max	Polyisocyanate free, ambient temperature curing, good gloss, excellent durability, mechanical & chemical properties		●	●	●		●
APS 7200 80%	80 ± 2	Butyl acetate	6 - 15	500 - 600	-	1 Max	Polyisocyanate free, ambient temperature curing, good gloss, excellent durability, mechanical & chemical properties		●	●	●		●
IFCAL 1150	100	-	25 - 45	-	4.9	5 Max	Solvent free 2K PU, good hardness, flexibility and chemical resistance		●	●		●	●

The background of the advertisement is a composite image. On the left, there is a detailed view of industrial machinery, possibly a resin production or processing plant, with various pipes, valves, and a large cylindrical tank. On the right, there is a large cargo ship with a red hull and white upper sections, loaded with colorful shipping containers, docked at a pier. A large, stylized red and dark blue diagonal graphic element cuts across the entire image, separating the left and right sections.

PARTNERS IN YOUR SUCCESS

Unsaturated Polyester Resins

"Your formula for Success"

From General Purpose to buttons to boat building, our products cover a wide range of applications.

Unsaturated Polyester Resins

UNSATURATED POLYESTER RESINS

Product	Description	Non Volatile %	Color	Acid Value mg/KOH	Viscosity (cps @ 25° C)	Gel Time (min)	Properties	Marine	Sanitary	Storage Tank	Pipes	Chemicals	Buttons
POLYORTHO 100 NA	Clear Orthophthalic , Non Accelerated	58 ± 2	Pale Yellow	< 26	350 - 450	13 - 19	Good mechanical properties, chemical & water resistance	●	●	●			
POLYORTHO 100 PA	Clear Orthophthalic , Pre Accelerated	58 ± 2	Pinkish	< 26	350 - 450	13 - 19	Good mechanical properties, chemical & water resistance	●	●	●			
POLYORTHO 101 NA	Orthophthalic, Thixotropic, Non Accelerated	58 ± 2	Pale Yellow	< 26	400 - 600	13 - 19	Good mechanical & chemical properties, Good water & weather resistance	●	●	●			
POLYORTHO 101 PA	Orthophthalic, Thixotropic, Pre Accelerated	58 ± 2	Pinkish	< 26	400 - 600	13 - 19	Good mechanical & chemical properties, Good water & weather resistance	●	●	●			
POLYISO 200 NA	Clear Isophthalic, Non Accelerated	58 ± 2	Pale Yellow	< 18	250 – 350	10 - 14	Excellent mechanical properties , Very good weather & hydrolysis resistances	●	●	●	●	●	
POLYISO 200 PA	Clear Isophthalic, Pre Accelerated	60 ± 2	Pinkish	< 18	650 – 725	10 - 15	Excellent mechanical properties, Very good weather & hydrolysis resistances	●	●	●	●	●	
POLYISO 200 NA (F)	Clear Isophthalic, Non Accelerated	58 ± 2	Pale Yellow	< 15	400 – 600	8 - 16	Excellent mechanical properties & high resistance to hydrolysis. Very good weather resistances	●	●	●	●	●	
POLYISO 200 NA (HB)	Clear Isophthalic, Non Accelerated	58 ± 2	Greenish	< 18	250 – 350	10 - 15	Excellent mechanical properties & high resistance to hydrolysis. Very good weather resistances	●	●	●	●	●	
POLYISO 200 LR	Clear Isophthalic	55 – 60	Greenish	< 20	400 – 500	8 - 15	High elongation, high flexibility & good chemical resistance				●		
POLYISO 202 NA	Isophthalic, thixotropic, Non Accelerated	58 ± 2	Pale Yellow	< 18	400 – 600	13 - 19	Very good weatherability & mechanical properties	●	●	●	●	●	
POLYISO 202 PA	Isophthalic, thixotropic, Pre Accelerated	58 ± 2	Pinkish	< 18	400 – 600	13 - 19	Very good weatherability & mechanical properties	●	●	●	●	●	
POLYGEL 201 NA	Isophthalic, Thixotropic , Non Accelerated	65 ± 2	Pale Yellow	< 18	40,000 - 55,000	13 - 19	Excellent durability & mechanical properties. Excellent chemical & water resistance	●	●	●			
POLYGEL 201 PA	Isophthalic, Thixotropic , Pre Accelerated	65 ± 2	Pinkish	< 18	40,000 - 55,000	13 - 19	Excellent durability & mechanical properties. Excellent chemical & water resistance	●	●	●			
POLYORTHO 102 B NA	Button Grade	65 - 70	Clear	< 26	900 - 1,200	6 - 9	Excellent transparency & gloss, excellent performance with pearl						●
POLYORTHO 103 B NA	Button Grade	68 - 72	Clear	< 28	1,900 - 2,200	6 - 9	Excellent transparency & gloss excellent performance with pearl						●





INNOVATING SMARTLY

Adhesives & Sealants

“Let us find reasons to bond together”

With a strong backup of developing our own polymer chemistry, we offer “cost-effective” and optimised products to our customers.

Adhesives & Sealants

WATER BASED CONTACT ADHESIVE

Water based Contact Adhesives	Viscosity, cPs	Solid Content, %	Specific Gravity	Material Based	Application Description	Fire Rated, ASTM E-84	Indoor	Outdoor	Low VOC	Clear Film	Long Open Time	Rigid	Flexible	Vinyl Tiles	Fiber Glass Wool	Wood Tiles	Carpet	PSA Adhesive
IFFCO IFA-10	35,000-50,000	70 +/- 2 %	1.24-1.34	Water Based	Flexible, Resilient Vinyl Tiles Floor Adhesive		●	●	●		×	×	×	×		×	×	
IFFCO IFA-20	40,000-65,000	75 +/- 2%	1.28-1.38	Water Based	High Density Resilient Vinyl Tiles Floor Adhesive		●	●	●		×	●	×	●		×	×	
IFFCO IFA-40	10,000-15,000	50 +/- 3%	1.10 - 1.20	Water Based	General purpose floor adhesive		●		●		●		×	×			●	
IFFCO IFA-50	10,000-15,000	50 +/- 3%	1.10 - 1.20	Water Based	Pressure Sensitive Adhesive		●	×	●	●	●		●	×	×		●	●
IFFCO IFA-80	10,000-15,000	50 +/- 3%	1.10 - 1.20	Water Based	General Purpose Paper, Fabric and Fiber wool Lamination Adhesive		●		●	●	×		●	×	●		●	×
IFFCO IFA-80 FR	8,000 - 10,000	50 +/- 3%	1.10 - 1.20	Water Based	Fire Rated Paper, Fabric and Fiber wool Lamination Adhesive	●	●		●	●	×		●	×	●		●	×

CONTACT ADHESIVES

Contact Adhesives	Viscosity cps	Solid Content	Specific Gravity	Characteristics	Application Description	Fire Rated, ASTM E-84	Low VOC	Fast Open-time	Slow Open-time	Fiber Glass Insulation	Rubber Insulation	EPDM Sheets	Carpet Application	General Purpose
IFFCO SA 81-10 FR	900-1,200	30 +/- 3%	0.89 +/- 0.03	Solvent Based	Fire Rated HVAC insulation Adhesive	●	●	●		●	×			×
IFFCO SA 81-10 F	900-1,200	30 +/- 3%	0.89 +/- 0.03	Solvent Based	Quick Tack development HVAC Insulation Adhesive		×	●		●				
IFFCO SA 81-10 S	900-1,200	30 +/- 3%	0.89 +/- 0.03	Solvent Based	Long Open time HVAC Insulation Adhesive				●	●	×			
IFFCO CA-242	1,500-2,000	20-23%	0.84+/-0.05	Solvent Based	Neoprene Rubber Insulation Adhesive				×	×	●	×	×	
IFFCO CA-242 LV	800 - 1,000	20-23%	0.89 +/- 0.03	Solvent Based	Low VOC Neoprene Rubber Insulation Adhesive		●	×		×	●			
IFFCO CA-25	3,500-4,500	20-25%	0.84+/-0.05	Solvent Based	Rubber Sheet / EPDM Sheets Adhesive				×	×	●	●	●	×
IFFCO CA-25 LVOC	3,500-4,500	20-25%	0.84+/-0.05	Solvent Based	Low VOCRubber Sheet / EPDM Sheets Adhesive		●		×	×	●	●	●	×
IFFCO CA-33	2,000-2,500	22-25%	0.87+/- 0.02	Solvent Based	General Purpose Contact Adhesive			×		×			●	●
IFFCO WA 85-60	10,000-20,000	55-65%	1.20 +/-0.1	Water Based	Presure sensitive adhesive HVAC insulation adhesive	×	×		●	●			×	●

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Adhesives & Sealants

PIR ADHESIVE

Product	Viscosity	Solid Content	Specific Gravity	Matrial Based	Application Description	Brush Application	Airless Spray	Pressurized Spray	PIR/PUR Panels	Phenolic Panels	Profile Assembly	Fiber Glass Insulation	Rubber Insulation	Upholstery	Foam Industry
IFFCO PIR ST-20	600 - 800	38 +/- 3%	0.89 +/- 0.03	Solvent Based	Regular Viscosity PIR Adhesive	●	●	×	●	×					
IFFCO PIR ST-20 HV	1,200-1,400	45+/-2%	0.89 +/- 0.03	Solvent Based	High Viscosity PIR Adhesive	●	×		●	×	●	●			
IFFCO PIR ST-25	700-900	38+/-3%	0.89 +/- 0.03	Solvent Based	Long Opent time PIR Adhesive	●	●		●	●	×	●	●		

SPRAY ADHESIVE

IFFCO SP-30	100-140	30+/-2%	0.85+/-0.05	Solvent Based	Fast Cure Spray Adhesive		×	●	●				●	●	●
IFFCO SP-35	250-350	35-40%	0.85+/-0.05	Solvent Based	Long Opent time Spray Adhesive	×	×	●		●			●	×	●

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Adhesives & Sealants

FOOTWEAR

Footwear Category		Product Code	Solid Content	Viscosity, CPS, 25'C	Appearance	Application Description	Water Based	Solvent Based	Toluene Free	PU Base	Rubber Based	Mixture	Adhesive	Primer	Cleaner	Hardener
Water Based		WU-110 1K	50-55%	6,000±2,000	White opaque	1K Waterborne adhesive	×		×	×			×			
		WU-120 2K	50-55%	5,000±1,000	White opaque	2K Waterborne adhesive	×		×	×			×			
		WU-1100 PR	N/A	750±250	White opaque	Water-based primer for leather	×		×	×				×		
		WC-130 ADH	50-55%	20,000±5,000	White opaque	Insole Adhesive	×		×		×					
		WIC-1120 PR	N/A	NCO % 15.0±1.0	Transparent	Water-based hardener	×	×				×				×
Solvent Based	Toluene Based	SU-210	12-15%	1,750±250	Translucent	Wide-use adhesive		×		×			×			
		SU-2120 PR	5% Max	Below 100	Transparent	Primer for PVC, PU Foam of synthetic leather		×		×				×	×	
		SC-310	15-18%	1,300±100	Light Yellow	Adhesive for leather		×			×		×			
		SC-331	18-22%	1,800±200	Light Yellow	Adhesive for Insole		×			×		×			
		SC-332	20-25%	3,000±200	Light Yellow	Adhesive for Sole		×			×		×			
		SC-3100 PR	N/A	Below 10	Light Yellowish	Primer for EVA		×			×			×		
	Toluene Free	SU-210 TF	12-15%	3,300±200	Translucent	No discoloration type PU adhesive		×	×	×			×			
		SU-2200 TF -PR	N/A	Below 100	Transparent	Primer for PU foam, PVC, Leather		×	×	×				×		
		SC-310 TF	15-18%	1,300±100	Light Yellow	Adhesive for leather		×	×				×			
		SM-4100 PR	N/A	130±30	Light Yellow	Primer for TPR, PVC, Soles		×	×			×		×		
		SM-4200 PR	N/A	Below 10	Transparent	Primer for EVA Soles		×	×			×		×		
		SM-4300 PR	N/A	Below 10	Transparent	Primer for Rubber Soles		×	×			×		×		
			N/A	NCO % Below 10	Transparent	Solvent-based hardener		×	×			×				×

Adhesives & Sealants

ENGINEERING PRODUCTS

Sealants and Engineering Products	Viscosity, cPs	Solid Content	Material Based	Sealants	Adhesives	Moisture Curing	2 Component	HVAC / Ducting	Construction Industry	Lamination Adhesive	Flooring Adhesive	Flexibility/Elastic	Automotive Industry	Metal Joints	Glass Joints
Sealac 20 Series	150,000-200,000	70-80%	Acrylic	●				●	●			×		×	
Sealon 30 Series	150,000-250,000	85-90%	Silicone	●	×	●		●	●			●	×	●	×
Sealup 50 Series	150,000-250,000	90-100%	PUR	●	●	●		●	●	×	●	●	●	●	●
PU-Fix Series	150,000-200,000	95-100%	2K PUR	×	●		●		●	●	●	●	●	●	●

WATER PROOFING

Water Proofing Coating	Viscosity	Solid Content	Specific Gravity	Material based	UV Reflectivity ASTM G-53	Weather Resistance	Water Permeability	Flexibility	Film Hardness	Concrete	PU Foam	Metal Sheet	Fiber Material
IFFCO Proof WP AC-100	35,000-45,000	60-66	1.26-1.32	Acrylic	●	●	●	●	×	●	●	●	●
IFFCO Proof WP AC-101	40,000-50,000	59-65	1.31-1.39	Acrylic	×	●	●	●	×	●	●	×	●
IFFCO Proof WP AC-103	30,000-50,000	60-67	1.30-1.50	Acrylic	×	×	×	×	●	●	●	×	●

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