

TOA ACRON SA

Product	Type	Crosslinking Agent	Feature	Usage
XF-3388	Acrylic Resin	Isocyanate Melamine	Extra Soft Feel	Waterproofing for Textile Finishing, Textile Coating, Fabric Coating, Tent, Bag Outdoor Wear ... etc
SA-110S	Acrylic Resin		Excellent Soft Feel	
SA-110L	Acrylic Resin		Standard Feel	
SA-110HM	Acrylic Resin		Super Economical	
SA-110H	Acrylic Resin		Economical	
SA-310	Acrylic Resin		High Waterproofing	
XF-3677	Acrylic Resin		Higher Hydrostatic	
XF-3771	Acrylic Resin		Hard Feel	
XF-1399	Acrylic Resin		Extra Hard Feel	
XF-4224M	Acrylic Resin		High Waterproofing	
SA-410M	Acrylic Resin		High Waterproofing	Suitable PVC, PU Taping
XS-3623TL	Silicon Resin		Catalyst: XS-69, XS-73 XS-55,66,77	Smooth & Soft
AD-508T	Silicone Resin	Non-Organic tins: XS-63, XS-90	Smooth & Soft	Scratch Durable, Non-tacky
AD-514T	Silicone Resin		Smooth & Soft	Scratch Durable, Non-tacky
AD-515T	Silicone Resin		Flexible & Soft	Scratch Durable, Non-tacky
AD-220T	CaCO ₃		For AC and PU	Matting, Dry Feel
AD-405Q	Foaming agent		Foaming	Non-tacky for Acrylic

TOA Acrylic PSA

Product	Type	Crosslinking Agent	Feature	Usage
PS-200	Acrylic Resin	Isocyanate	Good Heat Resist. Durable to Weather Conditions	Pressure Sensitive Tape PS Protective Film Separable Protective Film
PS-210	Acrylic Resin			
PS-220	Acrylic Resin			
PS-250	Acrylic Resin		Solvent	Protective Film High, Low Comfort Pore Tape
XPS-1260	Acrylic Resin			
XPS-1365	Acrylic Resin			
XPA-N6530T	Acrylic Resin	Waterborne Isocyanate	Waterborne	Against Plasticizer, High Share, Industry Tape, Wall stickers, non-substrate transfer tape

TOA Urethane XU

Product	Type	Crosslinking Agent	Feature	Usage
XU-1302B	Polyurethane	1 component	Soft, Dry, Anti-tack	Waterproof processing of clothing and industrial fabrics
XU-130H	Polyurethane	1 component	Hard, High Resistance	
XU-2451B	Polyurethane	2 component	Soft Base	
AC-503	Isocyanate	Solvent	Room-Temperature Curing	Crosslinking Agent for Acrylic Resin
UC-807C	Isocyanate	Solvent	Room-Temperature Curing	
UC-808C	Isocyanate	Solvent	Block Type Crosslinking	
UC-813B	Isocyanate	Solvent	Room-Temperature Curing	Polyurethane Use
UC-873KL	Melamine	Water&Solvent	Crosslinking Agent	Crosslinking Agent
UC-885BW	Isocyanate	Waterborne	HighTemperature Ring-Opening Curing	Waterborne Resin Use
UC-2100	Isocyanate	Solvent	Non-yellowing Crosslinking Agent	Crosslinking Agent

TOA Waterbase Resin

Product	Type	Crosslinking Agent	Feature	Usage
XA-N9010	Acrylic Resin	Waterborne	Extra Hard	Special Hard Process
XA-9130	Acrylic Resin	Waterborne	Hard	Stiffness Process
XA-8660	Acrylic Resin	Waterborne	Strong Hard	Paper finishing
M-35	Acrylic Resin	Waterborne	Medium Soft	Construction Use
XA-9120	Acrylic Resin	Waterborne	Extra soft, High Water Resistant	Flexibility and extensibility Process
XA-N9050	Acrylic Resin	Waterborne	Extra Soft	Coating and Printing Process
XA-N9051	Acrylic Resin	Waterborne	Extra Soft	Low foam coating process
XA-9080	Acrylic Resin	Waterborne	Super Soft	Coating and Printing Process
XU-5351B	Polyurethane	Waterborne	Top Coat, Extra Hard Feel	High wear resistance
XU-5353B	Polyurethane	Waterborne	Medium Hard Feel	Stiffness, Scratch resistant
XU-5401B	Polyurethane	Waterborne	Base Coat, Soft Feel	Good Flexibility
AD-306W	Polyurethane	Waterborne	Soft Feel, Good Flowability	Thickener
AD-307D	Acrylic Acid	Waterborne	Soft, Color development	Thickener

TOA Color Paste

Product	Type	Characteristic	Feature	Usage
CP-92WBT	TiO2 Acrylic	Solvent	White Paste	Textile Finishing
CP-95WBT	TiO2 Acrylic	Solvent	White Paste	Economy
CP-11YET	Color Chips	Solvent	Yellow	AC and PU resin Use
CP-13RET	Color Chips	Solvent	Red	AC and PU resin Use
CP-15GNT	Color Chips	Solvent	Green	AC and PU resin Use
CP-16BLT	Color Chips	Solvent	Blue	AC and PU resin Use
CP-19BKT	Color Chips	Solvent	Black Paste	AC and PU resin Use

TOA ACRON AR

Product	Properties			Feature	Usage
	Temp. Range (°C)	Moony Vis. ML1+4 100°C	Crosslinking		
AR-801	-15~180	50~60	Fast Cure (Halide)	Standard Fast Cure, High Filler Ratio & Easy Molding	General Use
AR-801L	-15~180	32~42	Fast Cure (Halide)	AR 801 Enhanced for Easy Molding	Head cover gasket hose
AR-840	-25~170	40~50	Fast Cure (Halide)	Low Temperature Resistance, High Filler Ratio, Good Restoration, Easy Molding.	Shaft seal O-ring
AR-825	-25~170	35~45	Fast Cure (Halide)	AR-840 Enhanced for Easy Molding	Head cover gasket hose
AR-860	-35~170	30~40	Fast Cure (Halide)	Extreme Low Temperature Resistance, Good Compression set, Easy Molding.	Hose
XF-4945	-40~190	30~40	Two Cure (Carboxyl)	Good Cold and Oil Durability	Gasket
XF-5140	-40~200	32~42	Two Cure (Carboxyl)	Good Cold and Heat Durability	Gasket Hose
XF-5160	-50~190	25~35	Two Cure (Carboxyl)	Excellent Cold Durability	Gasket Hose

TRC ACM

Product	Properties			Feature	Usage
	Temp. Range (°C)	Moony Vis. ML1+4 100°C	Crosslinking		
SA-201	-15 ~ 180	50 ~ 60	Fast Cure (Halide)	Standard Fast Cure, High Filler Ratio & Easy Molding	General Use
SA-201L	-15 ~ 180	32 ~ 42	Fast Cure (Halide)	SA-201 Enhanced for Easy Molding	Head cover gasket hose
SA-240	-25 ~ 170	40 ~ 50	Fast Cure (Halide)	Low Temperature Resistance, High Filler Ratio, Good Restoration, Easy Molding.	Shaft seal O-ring
SA-240L	-25 ~ 170	32 ~ 42	Fast Cure (Halide)	SA-240 Enhanced for Easy Molding	Head cover gasket hose
SA-225	-25 ~ 170	35 ~ 45	Fast Cure (Halide)	SA-240 Enhanced for Easy Molding	Head cover gasket hose
SA-260	-35 ~ 170	30 ~ 40	Fast Cure (Halide)	Extreme Low Temperature Resistance, Good Compression set, Easy Molding.	Hose
SA-350	-25 ~ 200	30 ~ 40	Two Cure (Carboxyl)	Good Heat Resistance and Good Compression set	Gasket
SA-350HF	-25 ~ 200	25 ~ 35	Two Cure (Carboxyl)	Good Heat Resistance, Compression set, Injection and extrusion	Hose
SA-360	-35 ~ 200	25 ~ 35	Two Cure (Carboxyl)	Excellent Cold Durability, Good Heat Resistance and Good Compression set	Gasket Hose
SA-500	-15 ~ 180	50 ~ 60	None	Chemical Pre-dispersion for AEM and ACM	Masterbatch
SA-500L	-15 ~ 180	45 ~ 55	None	Chemical Pre-dispersion for AEM and ACM	Masterbatch

Leather Finishing Chemicals

Product	Type	Film	Feature
(1) Resin Binder			
TOA Binder AL	AC Resin	Extra Soft	Micro Particles, Good binding, Penetration, and Good Sealing Capability.
TOA Binder SP	AC Resin	Soft	Good binding, Penetration, Solvent resist, non-Tacky
TOA Binder SZ	AC Resin	Soft	Good binding, Elastic, Suitable for low Temperature
TOA Binder GK	AC Resin	Medium	Good Solvent, Rub, Moisture Resistance
TOA Binder M-35	AC Resin	Hard	Good Film Properties, Water and Heat Durable
TOA Toathane S-3	PU Resin	Soft	Applicable to a variety of leather underlying finish
TOA Toathane M-1	PU Resin	Medium Hard	To strengthen the overall physical properties of the underlying coating
TOA UW Clear #300	PU Resin	Medium Hard	Water-based top coat PU bright side, good film properties, suitable for car sofa leather with
TOA UW Mat Clear #300S	PU Resin	Medium Hard	Extinction waterborne polyurethane (silica), with the use of the UW Clear series
TOA COMPACT BINDER CB-133N	Acrylic & PU Resin	Soft	The water absorption of the skin embryo can be adjusted to maintain the softness of the skin and improve the coverage of the coating.
TOA Compact Binder CB-A	Acrylic & PU Resin	Medium	Yellowing, cover and away from the plate well, you can raise the full sense of the grain
TOA COMPACT BINDER ABM-02046	Acrylic & PU Resin	Soft	A comprehensive resin with soft coating film and good permeability. It can also be used as a resin for decoration.
TOA COMPACT BINDER F-16	Foam resin	Soft	It has a covering effect on minor scars and poor leather skin, without affecting the softness of the skin.
TOA COMPACT BINDER CB-353	Acrylic & PU Resin	Medium Hard	Water-based soil replenishment has a good filling effect on skin scars or pits.
TOA COMPACT BINDER CB-331-1(N)	Acrylic & PU Resin	Medium	It has excellent covering effect for the edge coating of leather parts, leather bags and belts. It can also be mixed with other resins as a surface coating.
TOA COMPACT BINDER CB-421	Acrylic & PU Resin	Medium	The coating film is full, and it has an excellent covering effect for the poorly polished skin and nut skin.
(2) Aqueous Auxiliary			
TOA Luster BH	Casein,Wax	Hard	With protein additives performance, Good for Polishing.
TOA LUSTER HL	Casein,Wax	Hard	With protein additives performance, Good for Polishing.

Leather Finishing Chemicals

Product	Type	Film	Feature
TOA Wax #60	Wax Emulsion		Good Plating and Good Water Resistance
TOA Wax 30N	Wax Emulsion		Good Plating and Good Water Resistance, Good recoat ability the yellowing is smaller
TOA Wax TPL-N	Wax Emulsion		Dark Black Wax and Good Color Changing Effects
TOA Wax #601N	Carnauba wax		Pull-Up Color Changing Wax
TOA Wax #392	Wax		High Gloss and Waxy Effects, and can be polished
TOA Wax AX-291	Wax		Special water-based wax, with white fog wax feeling and dry and smooth feeling.
TOA Wax AX-339	Wax		Gives the leather body a discoloration effect and has a slight dent filling effect.
TOA Penetrator AF-1	Detergent Solvent		Excellent Penetration and No Bad Effect for Waterproof
TOA Filler W-1	Oil, Wax, Filler		Good Filling, Reduce Tack, Good Plating Ability
TOA FILLER AX-277	Oil, Wax, Filler		It has a filling effect and improves fullness, anti-sticking and release properties.
TOA Matting CH	Waterborne		Waterborne Matting Agent. Apply on Base Coat to Adjust Glossy and Work with Emulsion Lacquer
TOA Softener WA	Oil, Casein		Improve Plating, Reduce Tack, Good Filling, Soft
TOA Soft AN	Casein, Filler		Reduce Tack, Good Filling, Soft
TOA Polyresin TA-1	Synthetic Resin		Improve Adhesion between Film and Leather °
TOA Leveller #70	Silicone		Improve Surface Leveling and Finishing, recoat ability good
TOA Fine Touch AW	Silicone		Smooth Touch
TOA Fine Touch 608-6(A)	Waterborne Silicone		Given a coating of oil sponge sense
TOA Wax CFW	Oil, Wax		Given a coating of wax astringent touch.
TOA Wax TSL	Special Wax		Giving the leather dry cotton slip sense and good off version
TOA Fine Touch PT	Silicone		Prevent coating adhesion and coating smooth feel
TOA Wax SK-2	Oil wax silicone oil		Improve the feel of the water-based coating gives the skin surface oil wax sense
TOA Fine Touch AX-222	Water-based wax silicone oil		Gives the coating powder stagnation sex slippery feel and adsorption force.

Leather Finishing Chemicals

Product	Type	Film	Feature
TOA Fine Touch AX-229	Water-based wax silicone oil		Gives the coating powder stagnation sex slippery feel and moisturizing sense
TOA Fine Touch AX-235	Water-based wax silicone oil		Gives the film a slightly sticky waxy feel.
(3) NC Lacquer			
TOA Lacquer Clear #140PA	Nitrocellulose	Soft~ Medium	Strong Film, Good for low temperature °
TOA Lacquer Clear FG PA	Nitrocellulose	Medium	High Gloss.
TOA Lacquer Clear FX PA	Nitrocellulose	Soft~ Medium	Good under high temperature ironing, High Gloss
TOA Lacquer Mat Clear A-2 PA	Nitrocellulose Matting agent	Medium	Good Matting and Clear
TOA Lacquer TN	Nitro Cellulose Pigment	Medium	Various colors have good hiding power and tinting power, with extremely fine particles. 8 colors: white, yellow, orange, red, brown, green, blue and black .
TOA Lacquer Super Black C PA	Nitrocellulose Carbon black	Soft~ Medium	Good Covering and Adhesion, Good Flex.
(4) NC Lacquer Emulsion			
TOA Lacquer Emulsion SF PA	Nitrocellulose	Soft~ Medium	High Gloss and good resistance to high temperature iron press.
TOA Lacquer Emulsion W-791	Nitrocellulose	Soft	Water Thinnable (O/W type), Good resistance to water and Good feeling.
TOA Lacquer Emulsion W-792	Nitrocellulose	Soft~ Medium	Water Thinnable (O/W type), High Gloss and Good resistance to water.
TOA Lacquer Emulsion W-BKN	Nitro Cellulose Carbon Black	Medium	Water Thinnable (O/W type), High Gloss and Good resistance to water.
(5) NY Lacquer			
TOA Lacquer NY Clear #102	CAB	Medium	Good Flex, low temperature property, non tack
TOA Lacquer NY Mat Clear #200 PA	CAB Matting	Medium	Strong Film, good matting, transparent look
TOA Lacquer NY White O-110 PA	CAB Titanium Dioxide	Soft~ Medium	White, Good Covering, Good Gloss

Leather Finishing Chemicals

Product	Type	Film	Feature
TOA Lacquer NY BLACK A CONC PA	CAB Carbon black	Soft~ Medium	Excellent tinting and hiding power.
(6) PU Lacquer			
TOA Urethane #5093 Clear	One Component	Soft~ Medium	Medium Coat, High Gloss, Good for Hang Dry, Good Flex, Good Property for Enamel Coating
(7) Auxiliary			
TOA Lacquer Additive C	Silicone		Improve Rub Fastness, Smooth Feel
TOA Lacquer Additive WS-1	Silicone, Wax		Good Tape Separation, Waxy Feel.
TOA Lacquer Additive Oil T-2	Synthetic oils		Oily Feel.
TOA Lacquer additive KS	Silicone, Wax		For Oil Pull-Up use.
TOA Oil LP	Synthetic oils		Use for Oil Pull-Up, both Water and Solvent base
TOA Oil NWP	Synthetic oils		Improve Gloss and Waxy, Dry Feel.
TOA Oil 899	Synthetic grease		Waxy Feel
TOA WAX LW-1	WAX	Soft	Liquid wax, sprayable, has the effects of discoloration and slightly waxy feel.
TOA WATER REPELLENT S#10N	Fluorine resin		Good water and oil repellency effect.
(8) Thinner			
TOA Lacquer Thinner #11	Solvents		Enhance film properties and gloss for Toa Lacquers.
TOA Lacquer NB Thinner	High Boiling Point Solvents		Use with Nitro Cellulose Lacquers, prevent Blushing, improve gloss.
TOA Thinner Dye	Solvents		Thinner for Toa Lunasol, Good Solubility and containing Non Toxic Solvent ECS
(9) Leather Tanning Chemicals			
TOA Syntan A-30	Resin Tanning		High M.W. of Styrene Maleic Anhydride Polymer can Increase Leather Body and Softness. Suitable for Waterproof Leather

Fluoropolymer Coating–GAMET · NEW GAMET

Product	Coating	Appearance	Specifications	Baking Condition	Usage
GAMET–PVDF Type (Kynar 500)					
Gamet Primer W	Base	White	High Temp. Baking	240°C x10 min	Aluminum, Galvanized Steel, Stainless Steel etc.
Gamet Primer G	Base	Gray	High Temp. Baking		
Gamet #1000 (Colors)	Top	Any	High Temp. Baking		
Gamet #1000 Clear	Top	Transparent	High Temp. Baking		

Product	Appearance	Appearance	Specifications	Baking Condition
NEW GAMET–FEVE Type (Lumiflon)				
Tight Primer	Gray	2 component A:B=4:1	Room Temp. curing 80°C x40 min 130°C x20min (Choose one)	Aluminum, Steel, Galvanized Steel, Stainless Steel, Copper and FRP etc.
New Gamet Medium Coat	White	2 component A:B=8:1		
New Gamet #2000(Colors)	Any	2 component A:B=8:1		
New Gamet #2000Clear	Transparent	2 component A:B=5:1		

Fluoropolymer Heat Transfer Coating

PRINTFLON TF

characteristic:

1. Taiwan's first thermal transfer fluorine coating using fluorine resin from bottom to top.
2. The color of the paint uses pigments, and its weather resistance is far better than the transfer paints that use dyes on the market.
3. The appearance can imitate the grain of wood or stone.
4. The construction efficiency is much higher than that of water transfer coatings, and the size or length of the coating is limited.
5. PRINTFLON TF is a product derivative of FEVE series (Lumiflon) and NEW GAMET, so its performance can meet CNS 15666, AAMA 2605 and JIS K 5658 fluorine coating specifications.
6. The coating performance can be guaranteed for ten years, and the weather resistance exceeds twenty years.

Product	Color	Baking Condition	Specifications	Usage
METAL UNDER BOND	Gray or White	Setting	One-component	Various metals (aluminum, steel, galvanized steel, stainless steel, etc.) , FRP , PVC and glass are used.
PRINTFLON TF COLOR	Designate Color	120°C×20mins	One-component	
PRINTFLON TF FILM	Designate Grain	100~120°C ×4~8mins	Transfer Flim	
PRINTFLON TF CLEAR M G-30	Transparent	170°C×20mins	One-component	

Fluoropolymer Coating–DC GAMET

Product	Coating	Appearance	Specifications	Baking Condition	Usage
GAMET–PVDF Type (Kynar 500)					
Gamet Primer W	Base	White	High Temp. Baking	240°C x10 min	Aluminum, Galvanized Steel, Stainless Steel etc.
Gamet Primer G	Base	Gray	High Temp. Baking		
Gamet #1000 (Colors)	Top	Any	High Temp. Baking		
GametDC #1000 Clear	Top	Transparent	High Temp. Baking		Aluminum, Galvanized Steel, Stainless Steel etc.

Fluoropolymer Coating–DC NEW GAMET

Product	Appearance	Appearance	Specifications	Baking Condition
NEW GAMET–FEVE Type (Lumiflon)				
Tight Primer	Gray	2 component A:B=4:1	Room Temp. curing 80°C x40 min 130°C x20min (Choose one)	Aluminum, Steel, Galvanized Steel, Stainless Steel, Copper and FRP etc.
New Gamet Medium Coat	White	2 component A:B=8:1		
New Gamet #2000(Colors)	Any	2 component A:B=8:1		
New Gamet DC #2000 Clear	Transparent	2 component A:B=5:1		