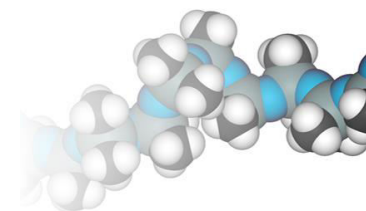
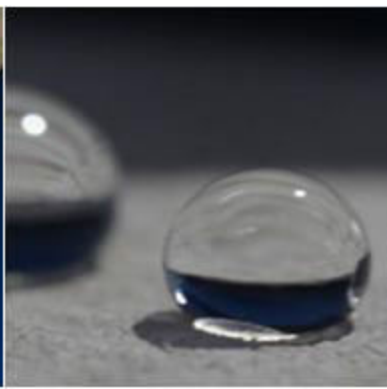


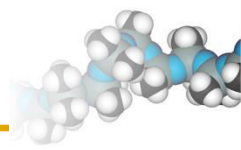
# CONSTRUCTION PRODUCT SERIES

APR 2016



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# ABOUT ELKAY CHEMICALS

For 25 years, Elkay Chemicals Pvt. Ltd. has been manufacturing world class silicone based products. Elkay Chemicals is a low cost, technology driven manufacturer.

ISO 9001-2008 (ICS) certified  
REACH registered  
State approved FDA facility

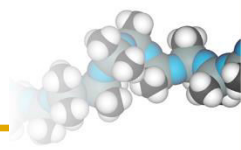
ELKAY has exported to 27  
countries for over 18 years



## The ELKAY Chemicals Advantage

- Long-standing relationships
- Flexible multi-purpose manufacturing facility
- Co-develop products with customers
- Confidentiality on sensitive projects
- Low cost, high quality products
- Excellent R&D facility and application lab

# INDUSTRY SEGMENTS SERVED



**De-foaming**



**Textile Finishing**



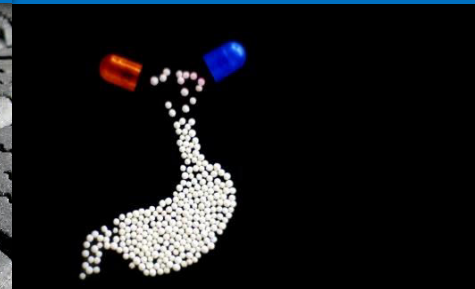
**Agriculture**



**Construction**



**Rubber & Tire**



**Pharmaceuticals**



**Petrochemicals**



**Personal Care**

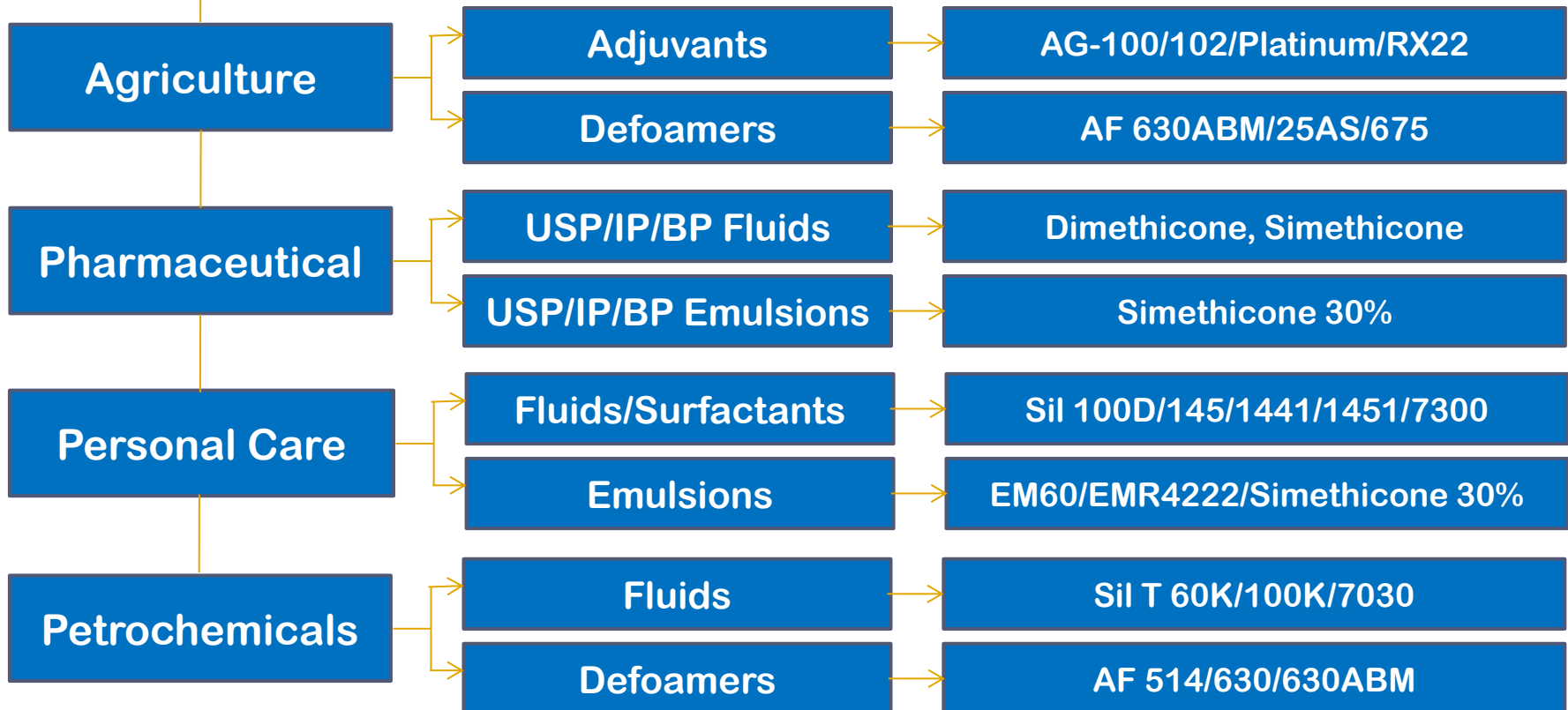


**Surface Treatment**

# PRODUCT RANGE



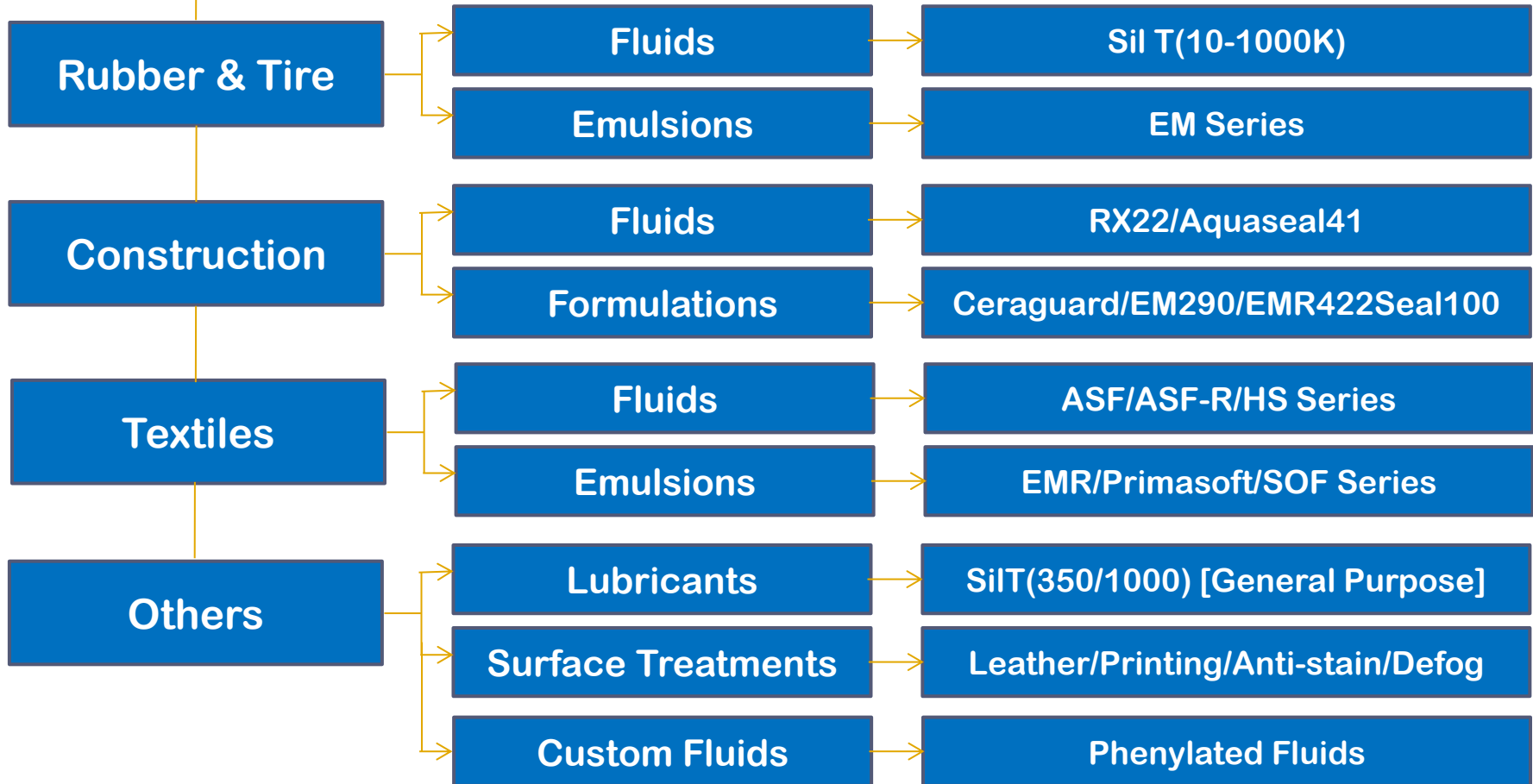
## Product Segments



# PRODUCT RANGE

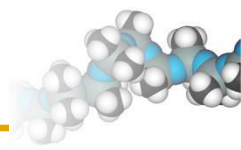


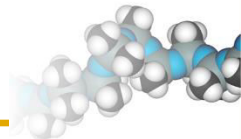
## Product Segments



# ELKAY CONSTRUCTION SOLUTIONS

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# SILANE SILOXANE BLENDS

Creates excellent water repellent surfaces with ease in coatings

LIQUIDS	Solid Concentration	Type
LK AQUA EM 290	50%	Silane/Siloxane blend. Aqueous milky emulsion. Water dilutable up to 14 times.
LK SEAL 290 RTU	7%	Silane/Siloxane blend. Solvent based, clear pale yellow. Ready to use.

- Water repellent action
- Unique formulation
- Deep penetration of absorbent surfaces
- Reduction in water uptake, increases substrate durability (vertical/angled surfaces)
- Surface is ready in less than 24 hours after treatment
- Require low dosage
- 5 year life in most environments
- Environmentally compatible
- Excellent on cement, plaster, exterior walls, non-vitrified tiles, porous stones

**NO APPEARANCE CHANGE**

**INCREASES LIFE**



An ISO 9001: 2008 company



# REACTIVE FORMULATIONS

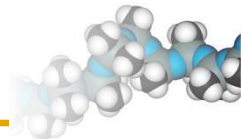
Creates excellent water repellent surfaces with ease in coatings

LIQUIDS	Reactivity	Type	Attributes
LK HTF IV	Hydroxy	Fluid	Reactive silicone useful in heat cured systems, blend component for formulations
LK RX22D	Hydride	Fluid	Reactive silicone useful in reducing moisture uptake in gypsum (ad-mixture)
LK H963	Amino	Fluid	Reinforcing fiber coating to improve cement/gypsum fiber bond
LK SIP75	Alkoxy	High solids, 40% active	Filled waterproofing silicone for flexible expansion joints/soling/sealing
LK CERAGUARD EM30	Hydride	Emulsion	Reactive silicone useful in stain repellency, long term lubrication coatings (rubber/fabric). Increases life of cement paints when used as a binder.

**PERFORMANCE PRODUCTS**

**INCREASES LIFE**





# FUNCTIONAL SILOXANES

Creates excellent water repellent surfaces with ease in coatings

LIQUIDS	Solid Concentration	Type
LK EMR 422	35%	Aqueous milky emulsion. Water dilutable up to 10 times.

- Water repellent action
- Excellent bonding with inorganic pigmented surfaces (like iron oxides)
- Reduction in water uptake, increases substrate durability
- Surface is ready in less than 12 hours after treatment
- 5 year life in most environments
- Environmentally compatible
- Gives gloss and may deepen colour of the substrate
- Excellent on cement, plaster, exterior walls, non-vitrified tiles, porous stones
- Improves water resistance and mar resistance when added to paints (2-5%)

**LOW DOSAGE**

**ECONOMICAL**