



G E O[®]
SPECIALTY CHEMICALS

Business Unit Profile

SPECIALTY & CONSTRUCTION DIVISION

**a n i n c o m p a r a b l e t r a d i t i o n
o f i n n o v a t i o n a n d e x c e l l e n c e**

From our pioneering superplasticizer technology, oil field drilling additives like GEOSulf and GEOLube products, to a revolutionary foaming agent developed for the gypsum wallboard industry, our commitment to superior products and service has always set us apart.

Today, the Specialty & Construction Division of GEO Specialty Chemicals is the world's leading producer of naphthalene sulfonate condensates. We are the #1 or #2 market leader of specialty chemical additives for the concrete admixtures, synthetic rubber polymerization, gypsum processing, oil well drilling and cementing markets. Our major manufacturing facilities in Cedartown, GA, Harrison, NJ, and Deer Park, TX, serve specialty chemical markets around the world. The Cedartown and Deer Park manufacturing plants feature equivalent naphthalene dispersant production capabilities to better service our customers' numerous geographic locations.

Throughout our five decades of business, the GEO Specialty & Construction Division has operated under various corporate names including Nopco, Diamond Shamrock, Occidental Petroleum, Henkel and Dow Hampshire Chemical Co.

**Although the names have changed,
we continue to provide:**

- Unequaled quality
- Unparalleled technical expertise
- Unsurpassed product line diversity
- Unending commitment to innovation



LOMAR[®] AND DAXAD[®] PRODUCTS ARE USED FOR OIL WELL CEMENTING. GEO SPECIALTY PRODUCTS ARE ALSO USED IN OIL PROCESSING FROM THE WELL TO THE REFINERY.

**s p e c i a l i z i n g i n t h e
c h e m i s t r y o f
g r o w t h**



total solutions from a multi-dimensional supplier

The Specialty & Construction Division of GEO Specialty Chemicals – an ISO 9001 certified supplier – maintains its commitment to its markets by offering value-added products and technical service.

Our mission is clear and simple. Bring added value to our customers with innovative products and by exceeding their expectations for quality, service and delivery at all times. GEO Specialty Chemicals meets that objective by offering a comprehensive range of products and capabilities in each industry served. These include:

Product Families

- Dispersants
- Lubricants
- Defoamers
- Specialty surfactants
- Wetting agents
- Dispersions, emulsions and formulated blends
- Processing aids
- Custom and toll manufacturing

With a diversified product line, the GEO Specialty & Construction Division offers customized solutions to specialized problems. Our highly experienced technical experts work in partnership with our customers. Our engineers and chemists understand industry manufacturing processes and work closely with customers to provide the highest level of technical support possible. No application or requirement is too challenging for us.



THE GEO SPECIALTY & CONSTRUCTION DIVISION HAS BROUGHT INNOVATION THROUGH SPECIALTY CHEMICALS TO THE GYPSUM PROCESSING MARKET.

r e s p o n s e



i n n o v a t i o n

t h e G E O

s t a t e m e n t o f
q u a l i t y

Quality is what GEO Specialty Chemicals is all about.

Our Quality Policy promises that GEO Specialty Chemicals will provide customers with superior value through innovative leadership and continuous improvement in all our products and services.

It also promises to provide the GEO staff with an environment that motivates them to improve their own dedication to the quality process and customer satisfaction – to do the job right the first time and every time.

Guided by our statement of values – and through compliance with our quality manual – GEO Specialty Chemicals will demonstrate our commitment to ongoing quality improvement in every aspect of our business.



GEO'S DISPERSANTS AND EMULSIFIERS ENHANCE PROCESSING WHILE ALSO IMPROVING FINAL PRODUCT PERFORMANCE. GEO DEFOAMERS AND SURFACTANTS REGULATE AIR CONTENT IN CONCRETE AND GYPSUM MANUFACTURING PROCESSES. OTHER SPECIALTY PRODUCTS OFFER WATER RESISTANCE ATTRIBUTES.

q u a l i t y



Specialty & Construction Division

markets & products

Concrete Admixtures / Grouts / Cement Manufacturing

Superplasticizers / Dispersants	LOMAR [®] , DILOFLO [®] , DAXAD [®]
Waterproofing / Damp Proofing	NOPCOTE [®] , GEOest
Defoamers	GEO FM Series – Water, Silicone or Oil Based
Surfactants	HYONIC [®] , NOPALCOL [®] , GEOwet
Grinding Aids / Cement Performance Enhancers	GEOspense, DAXAD [®]

Gypsum Wallboard / Plasters / Joint Compound / Textures / Ceiling Tiles

Water Reducers / Dispersants	LOMAR [®] , DILOFLO [®] , DAXAD [®]
Defoamers	GEO FM Series – Water, Silicone or Oil Based
Wetting Agents	GEOwet
Foaming Agents	HYONIC [®]

Emulsion Polymerization

Secondary Emulsifiers	LOMAR [®] , DAXAD [®]
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Ceramics / Refractories

Dispersants	LOMAR [®] , GEOspense, p-DAXAD [®]
Lubricants	NOPCOTE [®] , Ammonium Stearate, Potassium Oleate
Defoamers	GEO FM Series – Water, Silicone or Oil Based
Wetting Agents	GEOwet, GEOsulf, NOPALCOL [®]

Oil Field

Drilling Lubricants	GEOsulf, GEOLube
Well Cementing Dispersants	LOMAR [®] , DAXAD [®]
Corrosion Inhibitors and Intermediates	GEOmeen, QUATRENE [®]
De-emulsifiers	QUATRENE [®]
Defoamers	GEO FM Series – Water, Silicone or Oil Based
Surfactants and Foaming Agents	HYONIC [®] , GEOrinse, NOPALCOL [®] , GEOwet

Specialties – Process Performance Enhancing Additives (Clay, Mineral, Fiberglass Material, Toll Manufacturing)

Dispersants for Aqueous Media	LOMAR [®] , GEOspense, DAXAD [®] , p-DAXAD [®]
Defoamers	GEO FM Series – Water, Silicone or Oil Based
Wetting Agents	GEOwet
Surfactants	HYONIC [®] , NOPALCOL [®] , GEOmeen, GEOsulf, Glassperse
Lubricants	NOPCOTE [®] , Ammonium Stearate
Corrosion Inhibitors	GEOmeen



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