

# Press Release

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**August 1, 2012**

## **SACI® (Severe Atmospheric Corrosion Inhibitor) Product Line Now Available From Daubert Chemical**

*Thixotropic Overbased Calcium Sulfonate Corrosion Inhibitors* are widely used in industry to protect highly susceptible metal surfaces from corrosion under the most severe atmospheric conditions. Products within Daubert's **SACI®** line are often used to replace corrosion inhibitors that are toxic by nature (i.e. lead based). These inhibitors are used in coatings designed for metal structures, which in turn can have environmental impact from water run-off. **SACI®** products are multi-functional compounds that allow the formulation of materials with exceptional resistance to sag, run-off, and flow, even at high film buildup and elevated temperatures.

### **Custom Formulations**

**SACI®** products are useful in coating formulations as anti-settling and pigment dispersing agents, and as rheological modifiers to stabilize viscosity and modify sag resistance. Examples include coatings, sealants and caulks used in vehicle underbodies and cavities, structural steel members on bridges, overpasses, utility towers, penetrating sealers in bolted or plate steel assemblies, and many more.

### **The SACI® Product Line**

Daubert's **SACI®** products are provided in three carriers:

**100% Solids (Oil Or Wax)** – These products form oily or waxy films, and are somewhat high in viscosity at room temperature, but flow extremely well when heated. Products in this category are particularly useful in formulating coatings, adhesives and sealants with reduced VOC, and can be emulsified with appropriate emulsification agents or surfactants.

**Solvent-Based** – These products form oily, tacky, waxy, or firm (tack-free) films. Oily film products are pourable and with the use of diluent oil, can be made less viscous at higher non-volatile levels. Tacky film products are made firmer through the incorporation of wax. Waxy film

versions impart superior water resistance, while firm, tack-free film varieties (which feature low VOC) can be modified with pigments and additives to further improve corrosion and weather resistance.

**Water-Based** – These materials will form oily, tacky, or firm (tack-free) films. Oily film versions are supplied as a stable anionic emulsion in water and can be combined with other waterborne or water reducible materials such as plasticizers, resins and asphalts. A morpholine –free version is also available. Tacky films are also supplied in water, feature low VOC and can be applied as dip or spray coatings. Firm (Tack-Free) Film versions consist of a sulfonate in water, with resins and additives, making it the fastest drying **SACI**<sup>®</sup> based material available. Hard, transparent, tack-free films dry in less than 30-minutes and adhere well to a variety of ferrous and non-ferrous metals.

### **SACI<sup>®</sup> Applications**

A variety of applications are appropriate for **SACI**<sup>®</sup> inclusion within your corrosion prevention strategy. These include (but are not limited to) the following:

#### Transportation Industry Applications

- Anticorrosive caulks and sealants
- Underbody and cavity coatings
- Aftermarket rustproofing materials
- Hot melt coatings
- General purpose part or component protectants

#### Structural Steel Applications

- Maintenance coatings for bridges and highway overpasses
- Penetrating sealers for bolted or plated steel assemblies
- Surface tolerant paints for weathering steel utility towers

#### Aerospace Applications

- Fuselage linings
- General purpose part or component protectant
- Anticorrosive caulks and sealants

#### Marine Applications

- Ballast tank linings-flotation or spray applied
- General purpose above deck metal protection
- Wax based antifouling paints

## Other Applications

- Oilfield sucker rod protection, pipe coatings, general purpose and outdoor corrosion resistant storage coatings
- Military uses such as new and fielded military vehicle rust protection (A-A-59295); component storage coatings
- General Industrial uses that include tubular steel, coil steel, and small metal parts protection
- Temporary Coatings such as water, solvent and oil based materials that can be formulated for removal using detergents, steam or solvents
- Asphalt Coatings can be improved with greater corrosion protection
- Paint Additives can be modified to offer rheological control for high solids paints, liquid corrosion inhibitors, industrial primers or direct to metal coatings

## About Daubert Chemical Company

Daubert Chemical Company has held a leadership role in providing Functional Coatings and Specialty Adhesives, since 1935. Serving the steel, automotive transportation and general manufacturing industries, Daubert has focused on corrosion prevention coatings, industrial anti-skid coatings, sound deadening coatings, specialty adhesives, as well as concentrate formulations to service the aerosol packaging industry.

***SACI<sup>®</sup> is a Registered Trademark of Daubert Chemical Company, Inc.***

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