

---

**PRODUCT  
INFORMATION****Safecote® A****Description**

SAFECOTE® A is a carefully selected blend of inhibitors, emulsifiers, and surfactants, designed to deposit a soft, greasy film from a water emulsion system. SAFECOTE® A, when dry, leaves an amber grease-like film exhibiting excellent high humidity and salt spray protection properties. SAFECOTE® A is intended for use in applying a final preservative coating

to production parts preparatory to storage or shipment. Suggested application uses for SAFECOTE® A are: engine blocks, valves, gears, tool and dies, bushings, taps, chains and numerous other metal products where a non-flammable product which deposits a soft, greasy film is desired.

---

**Physical Properties**

Application

Coverage

Removal

Film Type

Specific Gravity @ 72°F

Pounds per Gallon

Flash Point (°F)

% Solids

Viscosity (#2 EZ Zahn) @ 73°F

Film Thickness (mils)

pH

**Typical Values**

Dipping, spraying or flow coating

600-1000 sq ft/gal

Industrial alkaline cleaners @ 170-200°F or  
petroleum solvents

Soft, greasy film – amber or clear in color.

0.984

8.2

Non-Flammable

42-45%

35-55

1.0 to 1.5

8.0 to 9.0

**Protective Properties**

5% Salt Spray (ASTM-B-117-64)

Humidity Cabinet (ASTM-D-1748)

Outdoor Storage

Indoor Storage

150 Hours (Min.)

2000 Hours (Min.)

Uncovered, 1-3 Months

Covered, 1-2 Years

Uncovered, 2-3 Years

Covered or Packaged, 3-5 Years

## Surface Preparation

The maximum performance of SAFECOTE® A can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

## Application

SAFECOTE® A is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. **DO NOT THIN SAFECOTE® A.** Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. SAFECOTE® A can be spray or dip applied. **DO NOT FREEZE SAFECOTE® A.**

SAFECOTE® A can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. SAFECOTE® A can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

## Storage

Store SAFECOTE® A at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

## Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

## Removal

June 24, 2010:kc



**CAUTION:** The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY:** Daubert Chemical Company, Inc. ("Daubert") warrants all products manufactured by it to be free from defects in material and workmanship. **DAUBERT MAKES NO OTHER WARRANTIES, WHETHER, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH PRODUCTS AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE, ARE DISCLAIMED BY DAUBERT.** All claims hereunder must be made in writing within 30 days after receipt of the products at the buyer's plant and prior to further processing the products or combining them with other materials or products. Daubert's liability, whether under this warranty or in contract, tort, negligence or otherwise, is limited to the return of the net purchase price paid for any products proven defective or, at Daubert's option, to the repair or replacement of said products upon their return, transportation prepaid, to Daubert. **THE REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER, AND UNDER NO CIRCUMSTANCES SHALL DAUBERT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.** No Daubert representative or other person is authorized to change this warranty in any way or to assume for Daubert any other liability in connection with the sale or use of its products.

**REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.**

**DAUBERT**  
CHEMICAL COMPANY, INC.

PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at [www.daubert.com](http://www.daubert.com) ■ Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)



---

**Safecote<sup>®</sup> D****PRODUCT  
INFORMATION****Description**

SAFECOTE<sup>®</sup> D is a carefully selected blend of inhibitors, emulsifiers, and surfactants, designed to deposit a firm, waxy film from a water emulsion system. SAFECOTE<sup>®</sup> D is a ready to use clear coating. This product exhibits excellent high humidity and salt spray protection properties. SAFECOTE<sup>®</sup> D is intended for

use in applying a final preservative coating to production parts preparatory to storage or shipment. Suggested application uses for SAFECOTE<sup>®</sup> D are: engine blocks, valves, gears, tool and dies, bushings, taps, chains and numerous other metal products where a non-flammable product which deposits a firm, waxy film is desired.

---

**Physical Properties**

Application

Coverage

Removal

Film Type

Specific Gravity @ 72°F

Pounds per Gallon

Flash Point (°F)

% Solids

Viscosity (#2 EZ Zahn) @ 73°F

Film Thickness (mils)

pH

**Typical Values**

Dipping, spraying or flow coating

600-1000 sq ft/gal

Industrial alkaline cleaners @ 170-200°F or  
petroleum solvents

Firm, waxy film – amber or clear in color.

0.984

8.2

Non-Flammable

36-40%

35-55

1.0 to 1.5

8.0 to 9.0

**Protective Properties**

5% Salt Spray (ASTM-B-117-64)

Humidity Cabinet (ASTM-D-1748)

Outdoor Storage

Indoor Storage

150 Hours (Min.)

2000 Hours (Min.)

Uncovered, 1-3 Months

Covered, 1-2 Years

Uncovered, 2-3 Years

Covered or Packaged, 3-5 Years

## Surface Preparation

The maximum performance of SAFECOTE® D can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

## Application

SAFECOTE® D is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. **DO NOT THIN SAFECOTE® D.** Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. SAFECOTE® D can be spray or dip applied. **DO NOT FREEZE SAFECOTE® D.**

SAFECOTE® D can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. SAFECOTE® D can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

## Storage

Store SAFECOTE® D at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

## Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

## Removal

June 24, 2010:kc



**CAUTION:** The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY:** Daubert Chemical Company, Inc. ("Daubert") warrants all products manufactured by it to be free from defects in material and workmanship. **DAUBERT MAKES NO OTHER WARRANTIES, WHETHER, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH PRODUCTS AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE, ARE DISCLAIMED BY DAUBERT.** All claims hereunder must be made in writing within 30 days after receipt of the products at the buyer's plant and prior to further processing the products or combining them with other materials or products. Daubert's liability, whether under this warranty or in contract, tort, negligence or otherwise, is limited to the return of the net purchase price paid for any products proven defective or, at Daubert's option, to the repair or replacement of said products upon their return, transportation prepaid, to Daubert. **THE REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER, AND UNDER NO CIRCUMSTANCES SHALL DAUBERT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.** No Daubert representative or other person is authorized to change this warranty in any way or to assume for Daubert any other liability in connection with the sale or use of its products.

**REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.**

**DAUBERT**  
CHEMICAL COMPANY, INC.

PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at [www.daubert.com](http://www.daubert.com) ■ Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)



---

## PRODUCT INFORMATION

### **Safecote® DR**

#### **Description**

SAFECOTE® DR is a carefully selected blend of inhibitors, emulsifiers, and surfactants, designed to deposit a firm film from a water emulsion system. SAFECOTE® DR is a reduced ready to use clear coating. This product exhibits excellent high humidity and salt spray protection properties. SAFECOTE® DR

is intended for use in applying a final preservative coating to production parts preparatory to storage or shipment. Suggested application uses for SAFECOTE® DR are: engine blocks, valves, gears, tool and dies, bushings, taps, chains and numerous other metal products where a non-flammable product which deposits a soft, greasy film is desired.

---

#### **Physical Properties**

Application  
Coverage  
Removal

Film Type

Specific Gravity @ 72°F

Pounds per Gallon

Flash Point (°F)

% Solids

Viscosity (#2 EZ Zahn) @ 77°F

Film Thickness (mils)

pH

#### **Typical Values**

Dipping, spraying or flow coating  
600-1000 sq ft/gal  
Industrial alkaline cleaners @ 170-200°F or  
petroleum solvents  
Soft, greasy film – amber or clear in color.  
0.984  
8.2  
Non-Flammable  
25 - 28%  
18 - 24 seconds  
1.0 mil  
8.7 to 9.0

#### **Protective Properties**

5% Salt Spray (ASTM-B-117-64)  
Humidity Cabinet (ASTM-D-1748)  
Outdoor Storage

Indoor Storage

150 Hours (Min.)  
1000 Hours (Min.)  
Uncovered, 1-3 Months  
Covered, 1-2 Years  
Uncovered, 2-3 Years  
Covered or Packaged, 3-5 Years

## Surface Preparation

The maximum performance of SAFECOTE® DR can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

## Application

SAFECOTE® DR is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. **DO NOT THIN SAFECOTE® DR.** Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. SAFECOTE® DR can be spray or dip applied. **DO NOT FREEZE SAFECOTE® DR.**

## Removal

SAFECOTE® DR can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. SAFECOTE® DR can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

## Storage

Store SAFECOTE® DR at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

## Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.



**CAUTION:** The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY:** Daubert Chemical Company, Inc. ("Daubert") warrants to be free from defects in material and workmanship. **DAUBERT DISCLAIMS ALL WARRANTIES, WHETHER EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH PRODUCTS AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE, ARE DISCLAIMED BY DAUBERT.** All claims hereunder must be made in writing within 30 days after receipt of the products at the buyer's plant and prior to further processing the products or combining them with other materials or products. Daubert's liability, whether under this warranty or in contract, tort, negligence or otherwise, is limited to the return of the net purchase price paid for any products proven defective or, at Daubert's option, to the repair or replacement of said products upon their return, transportation prepaid, to Daubert. **THE REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER, AND UNDER NO CIRCUMSTANCES SHALL DAUBERT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.** No Daubert representative or other person is authorized to change this warranty in any way or to assume for Daubert any other liability in connection with the sale or use of its products.

June 24, 2010:kc

REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

**DAUBERT**  
CHEMICAL COMPANY, INC.

PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at [www.daubert.com](http://www.daubert.com) ■ Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)