

**DAUBOND® SPECIALTY APPLICATION**

**DAUBOND® 9010W55**

**REACTIVE RESIN EMULSION**

**PRODUCT  
INFORMATION**

Daubond® 9010W55 is a newly developed and improved aqueous epoxy emulsion designed for use in water-borne and water-reducible epoxy coatings and adhesives. Daubond® 9010W55 epoxy emulsion now offers coating and adhesive formulators the convenience of handling a pre-emulsified epoxy resin that has good viscosity stability and less phase separation during storage.

Water-borne industrial coatings containing low levels of co-solvent and industrial adhesives without co-solvents can be formulated with Daubond® 9010W55 and suitable curing agents.

**TYPICAL PROPERTIES**

Appearance	White milky liquid
Percent Solids	55.0 ± 1
Viscosity (RVF 4 @ 10)	1,000-3,000
Weight per Gallon, Lbs.	9.0 ±0.1
Equivalent Weight - On Solids	206
Equivalent Weight - On Emulsion	370
Flash Point, ASTM-D93	>300°F

**FDA CLEARANCES**

With this improved version, all of the components of Daubond® 9010W55 are cleared for use under the U.S. Code of Federal Regulations, Title 21, Subparts:

- 175.105 Indirect Food Additives:  
Adhesives
- 175.300 Indirect Food Additives:  
Resinous and Polymeric Coating
- 176.170 Indirect Food Additives:  
Component of Paper and Paperboard in Contact with Aqueous and Fatty Foods



## Handling Precautions

Daubond® 9010W55 should be stored at temperature above 0°C (32°F) and below 49°C (120°F). If Daubond® 9010W55 should freeze, the emulsion can be heated slowly until sufficiently thawed to permit the use of a mixer. Do not allow any portion of the resin mass to go above 40°C (120°F).

## Toxicological Information

Toxicological properties for Daubond® 9010W55 have not been fully determined. However, the resinous portion can be considered typical of liquid epoxy resins. Uncured liquid epoxy resins can be moderately irritating to the skin and are capable of causing sensitization responses in some people. It is recommended that this resin be handled with caution, and skin and eye protection be used at all times. Consult MSDS before using.

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**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 numerable 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.

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

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PAGE 2 OF 2

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