

Ashland Performance Materials

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| Total Nr. of Pages (including this one) | 2 |
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|--------------------|---|------------------|------------------------------|
| To : | Mrs. Anca Ghetea, Mr. Stephen Beal | | |
| Company : | ADD (Resins & Chemicals) | E-mail : | anca@addresins.com |
| Copy to : | | E-mail : | |
| From : | Olivia Woerth | Date : | September 27, 2016 |
| Your Ref. : | Lining of concrete tanks | Our Ref.: | ADD_CR_160927W_sea_water.doc |

RE: YOUR CHEMICAL RESISTANCE ENQUIRY

Dear Mrs. Ghetea and Mr. Beal,
enclosed please find our answer to your enquiry of September 27, 2016.

Best Regards,

Olivia Woerth

Technical Service Composite Resins
Ashland Performance Materials

DERAKANE™

Epoxy Vinyl Ester Resins

Chemical Resistance

| Chemical | Concentration |
|--|---------------|
| 1. Aggressive marine exposure. Sea Water, Brine | All |

NOTICE: Components (even small quantities) not mentioned above, may have a significant effect on the performance of the composite.

Liquid

Solid

Gas

Pressure **Atm** bar Normal service Temperature **40** °C Maximum Temperature **40** °C

Application:

Pipe

Tank

Linings: Glass Flake

GRP

Others:

Response:

DERAKANE MOMENTUM™ 411-350 epoxy vinyl ester resin may be considered suitable for use in contact with the above medium under the conditions given.

Important Notes: (see also Chemical Resistance Guide, www.derakane.com)

Standard corrosion resistant barrier with a surfacing glass veil applied on a healthy, dust free and dry concrete wall.

This recommendation is based solely on data submitted by the requester. The information therein applies to Fibre Reinforced Plastic structures based on Ashland Resins, wherein the structures are fully cured and manufactured according to state of the art techniques. The information is intended for utilisation by skilled persons, acting on their own risk, and assuming the entire responsibility for the selection of materials, the design, the cure and fabrication, and the installation of the equipment. Having no control over these operations, Ashland does not guarantee the quality of the end product.

Signed: Olivia Woerth Ashland Date: 27-Sep-16