



Dow Construction Chemicals

RHOPLEX™ GL-618 Emulsion

Dow Construction Chemicals Sustainability Commitment

Dow has a long history of leadership in sustainability and energy efficiency. Through Dow’s 2025 Sustainability Goals, the company will continue to reduce its own operational footprint, deliver ever-increasing value to customers and society through its handprint of products and solutions, and develop and deliver a blueprint for a sustainable planet and society. Dow Construction Chemicals products and technologies contribute to a sustainable built environment by helping to create energy efficient, safe, and long lasting commercial and residential buildings.

Dow has a commitment to implementing Responsible Care® and leading implementation efforts worldwide. The primary objective of Responsible Care® is to drive continuous industry improvement in environmental, health and safety (EH&S) performance. Dow Construction Chemicals supports this objective by making health, safety and environmental protection an integral part of the product design, manufacturing, marketing, distribution, use, recycling and disposal processes.

Purpose

This product transparency report is intended to summarize the chemistry attributes associated with RHOPLEX™ GL-618 Emulsion for use in obtaining LEED v4 credits. Dow Construction Chemicals has completed a third-party audit by GreenCircle Certified, LLC which has verified our product and chemical management system. This assessment included a review of the completeness and accuracy of the hazard classification, assessment, and communication within the provisions of North American countries’ regulatory requirements.

RHOPLEX™ GL-618 Emulsion

Publicly Available Ingredients	
Ingredient Name	Ingredient CAS Number
Water	7732-18-5
Aqua ammonia	1336-21-6

Product Ingredient Reporting

This report meets the requirements of the LEED MR Credit: Building Disclosures and Optimization – Material Ingredients – Option 1.

The following table represents the ingredients that are in this product at concentrations of at least 1,000 ppm (0.1%).

Disclosure: All product ingredients known or reported (by a supplier) to be present in a concentration of at least 0.1% (1,000 ppm) or lower concentrations if required by OSHA hazard communications are set forth in the product ingredient table. The Chemical Abstract Services Registration Number (CASRN) is listed for reference for publicly available ingredients.

- Publicly available ingredients are identified by name and CASRN.
- Ingredients defined as trade secret or intellectual property have been withheld; however, the role, amount and hazards, based on screening to the 1,000 ppm threshold, have been disclosed per the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals rev. 6 (2015).

Proprietary Ingredients		
Role	% by weight	GHS Hazard Category
Acrylic polymer(s)	46.0 - 48.0	No known OSHA GHS hazards
Surfactant	0.1 - 1.0	Below OSHA GHS reporting threshold

Additional Sustainability Data

Corporate Sustainability Report

<https://www.dow.com/en-us/science-and-sustainability/highlights-and-reporting>



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