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Product Name: *MasterFlow 649 Grout PTB*

March 13, 2017

### **Material Ingredient Reporting for LEED v4, Option 1 Manufacturer Inventory**

BASF Corporation, Construction Chemicals division certifies the following information for MasterFlow 649 Grout PTB - 30367919.

A complete content inventory for this product to 1,000 ppm is provided based on the addenda to Option 1 of the Building product disclosure and optimization – material ingredients credit released by the U.S. Green Building Council on April 5, 2016. The information generated is based on the BASF Product Compliance Management Process which has been third party audited by GreenCircle Certified, LLC (GreenCircle). GreenCircle has verified that BASF's Product Compliance Management System assesses the hazards of all the ingredients that make up a product, including impurities. This assessment has verified all hazard classification, assessment and communication is conducted within the provisions of North American countries' regulatory requirements.

1. Publicly available ingredients are identified by name and Chemical Abstract Service Registration Number (CASRN)
2. Ingredients defined as trade secret or intellectual property have been withheld; however, the role, amount and hazards based on screening for the levels of ingredients presented are reported on this page per the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals rev. 6 (2015).

#### **David Green**

Applied Sustainability

BASF Corporation - Construction Chemicals



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Publicly Available Ingredients	
Substance Name	Substance CAS Number
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2

Proprietary Ingredients		
Role for proprietary substances	Ingredient Amount (% by weight)	Hazard Category
Reactant	70-80%	Below GHS reporting threshold
Amines	10-20%	Below GHS reporting threshold
Impurity	<5%	Below GHS reporting threshold
Solvent	<5%	Below GHS reporting threshold
Dispersant	<5%	Below GHS reporting threshold