



TECHNICAL DATA SHEET

Seafoam™

FOAMING ADDITIVE

05/26 REVISION

Seafoam™

FOAMING ADDITIVE

PRODUCT DESCRIPTION

Seafoam™ is a foaming additive. It is non-toxic and contains no regulated heavy metals. It is currently being used in food contact applications worldwide.

Seafoam uses a decomposition process to develop gases in the polymer melt. These gases then form voids in the product after extrusion, lowering the density of the final product.

PROPERTIES	DATA
Form	Pellets
Color	White
Base Resin	Proprietary
Density (g/cm ³)	1.06
Initial Decomposition Temperature (°C)	150
Typical Loading	0.2-2.0%

CODE & PACKAGING

Code Number: ADD1021

Packaged in 25 kg bags, available in 500 kg supersacks in selected markets.

MAIN APPLICATIONS

Sheet extrusion, thermoforming and blow molding

PROCESSING STATEMENT

Extrusion temperature: 180 -230 °C.

It is not recommended that processing temperatures exceed 240°C.

AVAILABILITY

This product is available worldwide, currently being produced in the United States.

FOOD REGULATIONS

Seafoam™ is suitable for food contact application. Upon request, detailed information can be provided in relevant Okeanos Regulatory Statements. For additional specific information, please contact Okeanos' compliance representative at legal@madefromstone.com

ADVANTAGES TO USING SEAFOAM™

1. It's an additive; typically used from 0.2- 2.0%.
2. No additional equipment is needed.
3. Can reduce the density of Made From Stone products to <1.0 g/cm³
4. Improves raw material usage and increases extrusion through-put.



DEFINITIONS & CLAIMS

Density Reduction: The reduction in density of a polymer product, often by increasing the volume of the product but adding no mass.

STORAGE & HANDLING

This product should be stored in a manner to prevent a direct exposure to sunlight and/ or heat. The storage area should also be dry and preferably doesn't exceed 35°C. Okeanos does not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process this additive within 6 months after delivery.

BRANDING

Okeanos provides our brand partners with a suite of tools used to amplify messaging around your new product Made From Stone! Please note that the use of this compound does not grant automatic permission to use these branding tools. Please contact your local representative or Okeanos support. To learn more visit okeanos.global/brandguidelines

CONTACT INFORMATION

Contact your local representative, or reach us at support@madefromstone.com if you have any questions, or need additional documentation on this product, or visit okeanos.global

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This product is not intended for the use in medical applications and should not be used in any such applications

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