

TECHNICAL DATA SHEET

BARKKAFT NANOTECHNOLOGY INSULATION MATERIAL

Preparation Date 12.12.2022

Identification of the substance/mixture and of the company/undertaking

Product identifier BARKKAFT NANOTECHNOLOGY INSULATION MATERIAL

Substance / mixture mixture

Relevant identified uses of the substance or mixture and uses advised against

Mixture's intended use INSULATION MATERIAL

Details of the supplier of the Technical Data Sheet

Supplier

ALTAI YAPI EDRÜSTRİ A.Ş.

HOROZLUHAN MH. ÇALIDÜZÜ SK. OTOPLAZA NO:27 SELÇUKLU KONYA TURKEY

info@barkkaft.com

www. barkkaft.com

Emergency telephone number European emergency number: 112

Composition/information on ingredients

Mixtures

Mixture contains these substances and substances with the highest permissible concentration in the working environment

Substance Name	Content In % Weight
Water	35,20
Tri Ethanol Amine	2
Bermocoll/Hec/ Ethyl Hydroxyethyl Cellulose	0,30
Densurf Af 126 Defoamer	2
Deycide Bst-K / Preventionol D12 /Poison /Preservative	1
Monoethylene Glycol	3

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Texanol/ Nescoat Filmmaker / Tx Binder	4
Titanium Dioxide	8
Iron Oxide Black Paint	2
Calcite	4,50
Hair	4
Zinc Stearate	3
White Cement	1
Additol Spray	2
Soy oil	2
perlite	4
Arakril Sta 565 (Pvc)	22

Physical and chemical properties

Information on basic physical , chemical properties and Technical Specifications

Physical state liquid

melting point/freezing point -60 °C

Boiling point or initial boiling point and boiling range 600 °C

pH 2.5-3.5 (pure)

Density and/or relative density

Density 1.053-1,057 g/cm³

Barkkaft 1 liter

Makes 2.5 square meters of space

1.75mm thick

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18 liters weighs 12.8 kg

Packaging is done in plastic buckets.

Barkkaft is a microscopic scale, new generation nano technology thermal insulation material consisting of a mixture of microscopically expanded air-filled full silicate microceramic vermiculite spheres, polymer resins, stabilizers, pigments and a binding liquid acrylic structure.

Liquid ceramic thermal insulation is a material consisting of a light, flexible and durable polymer mixture that is resistant to fire and impacts and highly reduces thermal conductivity.

This mixture provides high adhesion of the liquid polymer material to every surface with different geometric shapes, the coating has very low thermal conductivity and protects the surface not only from temperature effects, but also from rust and corrosion.

With Barkkaft liquid thermal insulation coating, HEAT, SOUND, CORROSION and FIRE insulation is provided in a single application.

More information

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DOCUMENT

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