

## **1 Identification of substance:**

### **Product details:**

**Trade name:** Lithofin KF Grout Protector

**Application of the substance / the preparation** Impregnator

### **Distributor:**

GranQuartz, L. P.

P.O. Box 2206

Tucker, GA 30085-2206/USA

### **Information Department:**

see above

### **Emergency Information:**

information department

### **24-Hour Emergency Telephone Number:**

1-800-255-3924 (USA & Canada) or 813-248-0585

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## **2 Composition/Data on components:**

### **Chemical characterization**

**Description:** Water based impregnator

### **Dangerous components:**

67-63-0 propan-2-ol < 2.5 %

RTECS: NT 8050000

872-50-4 N-methyl-2-pyrrolidone < 2.5 %

RTECS: UY 5790000

### **TSCA**

All ingredients are listed.

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## **3 Hazards identification**

**Hazard description:** not applicable

**Information pertaining to particular dangers for man and environment**

not applicable

### **Classification system**

The classification is in line with internationally approved calculation standards. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### **NFPA ratings (scale 0-4)**

Health = 0

Fire = 0

Reactivity = 0

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## **4 First aid measures**

### **General information**

Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air.

**After skin contact** Wash with water and soap.

### **After eye contact**

Rinse opened eye for several minutes under running water.

If symptoms persist consult a doctor.

### **After swallowing**

Do not induce vomiting.

Drink plenty of water, but never give anything to an unconscious person.  
Seek medical treatment.

**Information for doctor**

**Treatment** Symptomatic treatment

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## **5 Fire fighting measures**

**Suitable extinguishing agents**

The product is not combustible and does not support combustion.

Use fire fighting measures that suit the environment.

**Special hazards caused by the material, its products of combustion or resulting gases:**

Formation of toxic gases is possible during heating or in case of fire.

**Protective equipment:**

Wear self-contained respiratory protective device.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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## **6 Accidental release measures**

**Person-related safety precautions:**

Ensure adequate ventilation

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

**Measures for environmental protection:**

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

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## **7 Handling and storage**

**Handling**

**Information for safe handling:**

No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:**

No special measures required.

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store receptacles tightly closed at a cool and dry place with sufficient ventilation

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Protect from frost.

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## **8 Exposure controls and personal protection**

**Additional information about design of technical systems:**

No further data; see item 7.

**Components with limit values that require monitoring at the workplace:**

67-63-0 propan-2-ol

PEL: 980 mg/m<sup>3</sup>, 400 ppm

REL: short-term value: 1225 mg/m<sup>3</sup>, 500 ppm

long-term value: 980 mg/m<sup>3</sup>, 400 ppm

TLV: short-term value: 984 mg/m<sup>3</sup>, 400 ppm

long-term value: 492 mg/m<sup>3</sup>, 200 ppm

**Lithofin KF Grout Protector****Additional information:**

The lists that were valid during the creation were used as basis.

**Personal protective equipment****General protective and hygienic measures**

The usual protective measures based on the application have to be followed.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

All protective equipment used shall be according to 29 CFR.1910 Subpart I Personal Protective Equipment

**Breathing equipment:**

Under normal conditions of use not required.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and

ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**Protection of hands:**

Chemical resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Check protective gloves prior to each use for their proper condition.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

**Body protection:** Protective work clothing.

**9 Physical and chemical properties:****General Information**

**Form:** Fluid

**Color:** Colorless

**Odor:** Product specific

**Change in condition**

**Melting point/Melting range:**

**Boiling point/Boiling range:**

**Value/Range Unit Method**

undetermined

> 80 °C

**Flash point:**

> 65 °C

**Auto igniting:**

Product is not self igniting.

**Danger of explosion:**

Product does not present an explosion hazard.

**Density:**

at 20° C ~ 1 g/cm<sup>3</sup>

**Solubility in / Miscibility with Water:**

Miscible

**pH-value:**

at 20° C ~3.0-6.0

**Additional information**

VOC-Content: 36,7

## **10 Stability and reactivity**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**Dangerous reactions** No dangerous reactions known

**Dangerous products of decomposition:**

No dangerous decomposition products known

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## **11 Toxicological information**

**Acute toxicity:**

**LD/LC50 values that are relevant for classification:**

No toxicity data are available for the product itself.

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** Light irritation possible.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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## **12 Ecological information:**

**Ecotoxicological effects:**

**Acquatic toxicity:**

Presently there are no ecotoxicological values available.

**General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Danger to drinking water is possible if large quantities leak into the ground or into water course.

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## **13 Disposal considerations**

**Product:**

**Recommendation**

Disposal according to instructions of local authorities.

**Uncleaned packagings:**

**Recommendation:**

Disposal must be made according to official regulations.

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## **14 Transport information**

**DOT regulations:**

**Hazard class:**

-  
No hazardous material according to the regulations

**Land transport ADR/RID (cross-border)**

**ADR/RID class:**

-  
No hazardous good according to the regulation.

**Maritime transport IMDG:**

**IMDG Class:**

-  
No hazardous material according to the regulations

## Lithofin KF Grout Protector

**Marine pollutant:** No

**Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:** -

No hazardous material according to the regulations

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### **15 Regulations**

**Carcinogenicity categories**

**EPA (Environmental Protection Agency)**

void

**IARC (International Agency for Research on Cancer)**

67-63-0 propan-2-ol: 3

**NTP (National Toxicology Program)**

void

**TLV (Threshold Limit Value established by ACGIH)**

void

**MAK (German Maximum Workplace Concentration)**

void

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

void

**OSHA-Ca (Occupational Safety & Health Administration)**

void

**Regulation or reporting requirements USA**

**Sara section 355**

not listed

**Sara section 313**

67-63-0 propan-2-ol

872-50-4 N-methyl-2-pyrrolidone

**Prop. 65 - Cancer**

not listed

**Prop. 65 - Repr. tox.**

not listed

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### **16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing MSDS:**

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