

1 Identification of substance:

Product details:

Trade name: Lithofin MULTISEAL

Application of the substance / the preparation Sealer

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

2 Composition/Data on components:

Chemical characterization

Description: Water based sealer

Dangerous components:

111-76-2 2-butoxyethanol 2.5-10 %

RTECS: KJ 8575000

TSCA

All ingredients are listed.

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

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

5 Fire fighting measures

Suitable extinguishing agents

The product is not combustibile 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.

6 Accidental release measures

Person-related safety precautions:

Ensure adequate ventilation
Wear protective clothing.

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.

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.

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:

111-76-2 2-butoxyethanol

PEL: 240 mg/m³, 50 ppm
Skin

REL: 24 mg/m³, 5 ppm
Skin

TLV: 97 mg/m³, 20 ppm

Additional information:

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

Personal protective equipment

General protective and hygienic measures

Lithofin MULTISEAL

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: Not required.

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 through 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: Liquid

Color: Whitish

Odor: Product-specific

	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
Change in condition			
Melting point/Melting range:	undetermined		
Boiling point/Boiling range:	> 90	° 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 ³	
Solubility in / Miscibility with Water:	Miscible		
pH-value:	at 20° C ~ 6.5 to 9.5	in delivery state	

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

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:

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.

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.

13 Disposal considerations

Product:

Recommendation

Disposal according to instructions of local authorities.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

Non contaminated packaging can be used for recycling.

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

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

No hazardous material according to the regulation

15 Regulations

Carcinogenicity categories

EPA (Environmental Protection Agency)

void

IARC (International Agency for Research on Cancer)

void

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

not listed

Prop. 65 - Cancer

not listed

Prop. 65 - Repr. tox.

not listed

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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