



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

Flitz Ceramic Sealant

Product Identification Numbers

ID Numbers:

CS02902, CS02908TV, CS02908, CS02906, CS02930, CS02910

1.2. Recommended use and restrictions on use

Recommended use

Hand-applied sealant, Residential or Industrial use

1.3. Supplier's details

MANUFACTURER

Flitz International Ltd.

ADDRESS:

821 Mohr Ave., Waterford, WI 53185, USA

Telephone:

262-534-5898

1.4. Emergency telephone number: 262-534-5898

SECTION 2: Hazard identification

2.1. Hazard classification

29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

2.2. Label elements

Signal word: Warning

Symbols:



Hazard Statements

H315: Causes skin irritation.

H320: Causes eye irritation.

2.3 Other Hazards

Precautionary statements:

Prevention

p264: Wash thoroughly after handling

p280: Wear protective gloves/protective clothing/eye protection/face protection.

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Response

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (see ... on this label).

P332+P313: If skin irritation occurs: Get medical advice /attention.

P362+P364: Take off contaminated clothing and wash before reuse.

P305+ P351+ P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists, get a medical advice/attention.

SECTION 3: Composition/information on ingredients

Ingredient	CAS. #	% by Wt
Aminomodified Polysilicone	75718-16-0	1-5
Polydimethylsiloxane	63148-62-9	<0.5
Ethylene glycol	107-21-1	<0.01
2-Butoxyethanol	111-76-2	<1
Ethanol	64-17-5	<0.5
Water	7732-18-5	90-100

Mixtures

Chemical characterization

The product does not contain dangerous substances to be mentioned in Chapter 3.

Comment on composition parts/substances very high concern -

SVHC: substances are not contained or are below 0,1%

For full text of H - statements: see SECTION 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Take off contaminated clothing and wash before reuse.

Eye Contact: Flush eyes with large amount of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: No need for first aid is anticipated.

If Swallowed: No need for first aid is anticipated.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media:

SMALL FIRE: Use dry chemicals, CO₂, water spray or alcohol-resistant foam.

LARGE FIRE: Use water spray, water fog or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may produce carbon monoxide and other toxic vapors.

5.3. Special protective actions for fire-fighters

Wear an approved positive pressure self-contained breathing apparatus and firefighter turnout gear.

Heat from fire can generate flammable vapor when mixed with air and exposed to ignition source. Vapors can burn in open or explode if confined. Vapors may be heavier than air, and may travel long distances along the ground before igniting and flashing back to vapor source. Fine sprays/mists may be combustible at temperatures below flash point. Fight fire from a safe distance or protected location.

Heat may build enough pressure to rupture closed containers/spreading fire/increasing risk of burns/injuries. Use water spray/fog for cooling. Avoid frothing/steam explosion. Burning liquid may float on water. Although water soluble, may not be practical to extinguish fire by water

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dilution. Notify authorities immediately if liquid enters sewer/public waters.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid the inhalation (dust, gas, mist, vapor, spray) and follow all precautions.

Wear appropriate protective equipment.

Isolate contaminated areas remove all ignition sources.

Do not touch damaged containers or spilled material without wearing appropriate protective clothing.

Also see protective measures under point 7 and 8.

6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains/ surface waters/ groundwater.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Dispose of absorbed material in accordance with regulations.

6.4 Reference to other sections: See Sections 7, 8 & 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Use only with adequate ventilation.
- Wear suitable protective clothing. (See section 8.)
- Usual measures for fire prevention.
- General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage including any incompatibilities

- Keep container tightly closed in a cool, well-ventilated place. Do not store in direct sunlight or expose to heat above 120F.
- Keep away from heat. Sparks and flames.
- Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feeding stuff.
- Keep the packing dry and well-sealed to prevent contamination and absorption of humidity.
Recommended storage temperature: 20°C
- Protect against UV-radiation & moisture.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit:
At this time no constituents have known exposure limits.

8.2. Exposure controls

Exposure controls. Additional advice on system design.	No special measures are necessary. Use with appropriate local exhaust ventilation.
Eye protection	Avoid eye contact with vapors, mist, or spray. Safety glasses with side shields. (EN 166:2001)
Hand protection	In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Suitable material: FKM (fluororubber). – Thickness: 0.4 mm Breakthrough time >= 8 h Butyl rubber. - Thickness 0.5 mm Breakthrough time >= 8 h CR (polychloroprenes, Chloroprene rubber). - Thickness 0.5 mm Breakthrough time >= 8 h

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	<p>NBR (Nitrile rubber) - Thickness 0.35 mm Breakthrough time ≥ 8 h</p> <p>PVC (Polyvinyl chloride) - Thickness 0.5 mm Breakthrough time ≥ 8 h</p> <p>The selected protective gloves should satisfy the specifications of standards like EN 374.</p> <p>Before using check leak tightness/impermeability. In the case of reuse, clean them before taking off and air them out well.</p>
Skin protection/other	Avoid skin contact. Protective clothing.
Respiratory protection	With correct and proper use, and under normal conditions, breathing protection is not required.
Thermal hazards	None
Delimitation and monitoring the environmental exposition.	No special precautionary measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Color	White
Odor	Very little odor
Odor Threshold	Not required
pH Value	6.5-7.5
pH Value 1%	Not determined
Boiling Point	100°C
Flash Point	>100°C
Flammability (solid, gas)	Not applicable
Lower & Upper exposure limits	Not determined
Oxidizing properties	No
Vapor pressure/Gas pressure [KPa]	Not determined
Density [g/ml]	not determined
Bulk Density	Not applicable
Solubility in water	Complete
Partition coefficient [n-octanol/water]	Not Determined
Viscosity	not determined
Relative vapor density determined in air	Not determined
Evaporation speed	Not determined
Melting point	0°C
Autoignition temperature	Not self-igniting
Decomposition temperature	Not determined
Specific Gravity	0.95-1.05

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known if used as directed

10.2. Chemical stability

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The product is stable under standard conditions

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. Heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agent, strong. Reducing agents, strong.

10.6. Hazardous decomposition or by-products

Thermal decomposition products include: hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide and chloride.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Serious eye damage/irritation	May cause slight eye irritation.
Skin corrosion/irritation	May cause slight skin irritation. Liquid defats the skin.
Inhalation exposure	Irritation, headache, sleepiness, dizziness, orientation loss.
Ingestion exposure	Irritation, vomiting, headache, dizziness, orientation loss, pulmonary congestion.
Respiratory or skin sensitization	Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity – single exposure	Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity – repeated exposure	Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Mutagenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Reproduction toxicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Carcinogenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Aspiration Hazards	Based on the available information, the classification criteria are not fulfilled.
General Remarks	Frequent persistent contact with skin can cause skin irritation.

SECTION 12: Ecological information

12.1 Chronic Toxicity	Product has not been tested
12.2 Persistence and degradability	Product has not been tested
12.3 Bio accumulative potential	Accumulation in organism is not expected
12.4 Mobility in soil	No data available
12.5 Results of PBT & vPvB assess.	Based on all available information not to be classified as PBT or vPvB respectively.
12.6 Other adverse effects	None known. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product: Dispose in accordance with the regulations of local authorities
Contaminated packaging: Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be taken for recycling.

SECTION 14: Transport Information

US DOT 49 C FR 172.101

Proper shipping name: Not a hazardous material with respect to these transport regulations.
Not controlled under DOT

14.1 UN Number
Transport by land according to AOR/RIO not applicable
Inland navigation (AON) not applicable
Marine transport in accordance with IMDG not applicable
Air transport in accordance with IATA not applicable

14.2 UN proper shipping name
Transport by land according to AOR/RIO NO DANGEROUS GOODS
Inland navigation (AON) NO DANGEROUS GOODS
Marine transport in accordance with IMDG NOT CLASSIFIED AS "NO DANGEROUS GOODS"
Air transport in accordance with IATA NOT CLASSIFIED AS "NO DANGEROUS GOODS"

14.3 Transport hazard class (es)
Transport by land according to AOR/RIO not applicable
Inland navigation (AON) not applicable
Marine transport in accordance with IMDG not applicable
Air transport in accordance with IATA not applicable

14.4 Packaging group
Transport by land according to AOR/RIO not applicable
Inland navigation (AON) not applicable
Marine transport in accordance with IMDG not applicable
Air transport in accordance with IATA not applicable

14.5 Environmental hazards
Transport by land according to AOR/RIO no
Inland navigation (AON) no
Marine transport in accordance with IMDG no
Air transport in accordance with IATA no

14.6 Special precaution for user relevant information under SECTION 6 to 8

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information

No Data Available

SECTION 16: Other information

16.1 Hazard statements (section 03)

Hazardous Materials Information Label (HMIS)

Health: 0
Flammability: 0
Physical Hazard: 0
Personal Protection: -

NFPA Hazard Ratings

Health: 0
Flammability: 0
Reactivity: 0
Unique Hazard: -

16.2 Abbreviations and acronyms

ADR = Accord europeen relatif au transport international des marchandises Dangereuses par Route

RID = Reglement concernant le transport international ferroviaire de marchandises dangereuses

AON = Accord europeen relatif au transport international des marchandises dangereuses par voie de navigation interieure

ATE= acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC50 = Median effective concentration

ECB = European Chemicals Bureau

ECB= European Chemical Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

ELINCS = European List of Notified Chemical Substances

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