



**SAFETY DATA SHEET**  
**BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER**

### 1. Identification

#### Product identifier

**Product name** BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER  
**Product number** SN2608, SN2663

#### Recommended use of the chemical and restrictions on use

**Application** Repair system designed for surfacing metals damaged by erosion-corrosion. For industrial use only.  
**Uses advised against** The product should not be used for purposes other than those recommended in the appropriate Instructions For Use (IFU) leaflet.

#### Details of the supplier of the safety data sheet

<b>Supplier</b>	Belzona Inc. 14300 NW 60th Ave. Miami Lakes FL 33014 UNITED STATES 1-305-594-4994 sds@belzona.com	Belzona Great Lakes 588 Edward Avenue, Unit 51 Richmond Hill Ontario, L4C 9W7 CANADA 1-905-737-2225 sds@belzona.com
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**Manufacturer** Belzona Polymerics Limited  
 Claro Road, Harrogate  
 HG1 4DS  
 United Kingdom  
 +44 1423 567641  
 sds@belzona.com

#### Emergency telephone number

**Emergency telephone** ChemTel: 1-800-255-3924 (North America)  
 ChemTel: +1 813-248-0585 (International)

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.  
**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 2 - H361d STOT SE 3 - H335 STOT RE 2 - H373

**Reference** The full text for all hazard statements is displayed in Section 16.

#### Label elements

**BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER****Hazard symbols****Signal word**

Danger

**Hazard statements**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H361d Suspected of damaging the unborn child.

H335 May cause respiratory irritation.

H373 May cause damage to organs (Kidneys) through prolonged or repeated exposure if swallowed.

**Precautionary statements**

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe vapors.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing and eye protection.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P301+P310 If swallowed: Immediately call a poison center or doctor.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+313 If exposed or concerned: Get medical attention.

P333+P313 If skin irritation or rash occurs: Get medical attention.

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with all Federal, State/Provincial and local regulations.

**Contains**

BENZYL ALCOHOL, CYCLOALIPHATIC AMINE PREPARATION, DIETHYLENETRIAMINE, 4,4'-METHYLENEBIS(CYCLOHEXANAMINE), SALICYLIC ACID

**Other hazards**

Not applicable.

**Hazards not otherwise classified (HNOC)**

Not applicable.

**3. Composition/information on ingredients****Mixtures****BENZYL ALCOHOL****20-50%**

CAS number: 100-51-6

**CYCLOALIPHATIC AMINE PREPARATION****20-50%**

CAS number: 135108-88-2

## BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER

<b>DIETHYLENETRIAMINE</b>	<b>10-30%</b>
CAS number: 111-40-0	
<b>4,4'-METHYLENEBIS(CYCLOHEXANAMINE)</b>	<b>1-5%</b>
CAS number: 1761-71-3	
<b>SALICYLIC ACID</b>	<b>&lt;3%</b>
CAS number: 69-72-7	

<b>Ingredient notes</b>	Diethylenetriamine is toxic by inhalation when aerosolized or sprayed, however the chemical vapors show no signs of toxicity. If the product is not aerosolized or sprayed, inhalation toxicity does not apply when the toxicity of the finished product is calculated. WHIMIS Trade Secret Registry Number(s): 03322420 - Notice of filing 2015-01-31, Date Granted 2019-04-27 (other supplier), Cycloaliphatic Amine Preparation
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### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air. Keep the patient warm and at rest. Give nothing by mouth.
<b>Ingestion</b>	If accidentally swallowed obtain immediate medical attention. Keep at rest. Rinse mouth with plenty of water. Do NOT induce vomiting.
<b>Skin Contact</b>	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. If irritation or inflammation persists, seek medical attention.
<b>Eye contact</b>	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart, and seek medical advice.

#### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Exposure to vapors may result in irritation of the mucous membrane and the respiratory system; in severe cases burns may occur.
<b>Ingestion</b>	Inadvertent ingestion of small amounts of this product through poor hygiene or cross contamination may cause irritation or burns of the mouth, throat and stomach.
<b>Skin contact</b>	Contact with skin or any living tissue may cause burns, in severe cases complete tissue destruction may occur.
<b>Eye contact</b>	Contact with eyes may cause severe irritation with corneal injury, which may result in permanent impairment of vision.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	None.
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### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Use: sand, alcohol resistant foam, carbon dioxide, chemical powder, or water fog for larger fires. Do NOT use water jet.
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#### Special hazards arising from the substance or mixture

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<b>Flammability Class</b>	3.2 Combustible Liquid IIIB
<b>Hazardous combustion products</b>	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, oxides of nitrogen and ammonia may be produced.
<b><u>Advice for firefighters</u></b>	
<b>Protective actions during firefighting</b>	Fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health. Appropriate positive-pressure self-contained breathing apparatus (SCBA) and full fire fighting turn-out gear (Bunker gear) should be worn. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains, sewers, ditches or waterways.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Exclude non-essential personnel. Keep up-wind of spill to avoid breathing vapors. Do not get on skin or in eyes.

#### Environmental precautions

**Environmental precautions** Prevent spills from entering drains or sewers. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place into a suitable labeled container. Clean surfaces down with a water and detergent mixture. Do not allow spilled product or the associated washings to enter surface water drains or watercourses.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13. .

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Vapors may collect in the container headspace during transit or prolonged storage. Do not breathe vapor when opening the container. Keep the container tightly closed when not in use. Where possible open containers and mix components in a well ventilated place away from the application area. Exclude non-essential personnel. Minimise the number of employees exposed and the duration of their exposure. Do not get on skin or in eyes. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Always keep in containers made of the same material as the supply container. Ensure emergency equipment (for fires, spills, leaks, etc.) is readily available. Good housekeeping methods and regular safe removal of waste materials should be observed. FIRE/EXPLOSION This product is combustible. Exclude sources of heat, sparks and open flame. SPECIAL Ammonia may be given off when heated.

**Advice on general occupational hygiene** Wash at the end of each work shift and before eating, smoking and using the toilet. Ensure eye wash facilities (fountain, bottle, vials, etc.) are readily available. Do not put contaminated articles or equipment e.g. spatulas, applicators, brushes, cloths etc., into pockets. Where necessary, contaminated work clothing and shoes should be removed to prevent cross contamination of surfaces and the risk of inadvertent skin contact and ingestion.

#### Conditions for safe storage, including any incompatibilities

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**Storage precautions** Observe the label precautions. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Store separately from oxidizing agents and strongly acidic materials. ENVIRONMENTAL STORAGE PRECAUTIONS Spillage, incorrect storage of chemicals or waste materials or unsuitable disposal activities can result in pollutants seeping through the soil, causing serious harm to groundwater- which is a vital source of drinking water. All wastes, especially liquid wastes, should be securely stored on site in designated areas that are isolated from waterways and groundwater and diked to contain any spillages.

### Specific end uses(s)

**Specific end use(s)** Application by stiff bristled brush or plastic applicator provided. Mix with Solidifier component before use. Please refer to the relevant Belzona® Instructions For Use for further information.

## 8. Exposure controls/Personal protection

### Control parameters

### Occupational exposure limits

#### **BENZYL ALCOHOL**

Long-term exposure limit (8-hour TWA): AIHA 10 ppm

Short-term exposure limit (15-minute): AIHA

#### **DIETHYLENETRIAMINE**

Long-term exposure limit (8-hour TWA): ACGIH 1 ppm 4.2 mg/m<sup>3</sup>

Sk

ACGIH = American Conference of Governmental Industrial Hygienists.

Sk = Danger of cutaneous absorption.

**Ingredient comments** During standard, non-spray applications, the risk of exposure by inhalation to hazardous concentrations of diethylenetriamine under normal working conditions in a well ventilated area is minimal.

### Exposure controls

#### **Appropriate engineering controls**

Use in well ventilated areas or provide adequate mechanical ventilation. If these are not sufficient to maintain concentrations of vapors below the relevant occupational exposure limits, suitable respirators should be worn (see 'Respiratory protection' below).

#### **Eye/face protection**

It is recommended that eye protection, for example safety glasses with side shields or goggles are worn at all times during the handling and use of this material. . During subsequent machining, grinding, abrasion or removal of this product appropriate eye protection should be selected according to the type of tools or equipment used.

#### **Hand protection**

. The breakthrough time of the gloves selected should exceed the expected use period. Where this is not possible, gloves should be changed in good time, and in any case before the breakthrough time is exceeded. Where doubt exists, advice should be sought from manufacturers or vendors of protective gloves in order to determine appropriate types for the particular circumstances. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred. SPECIFIC RECOMMENDATIONS Wear protective gloves made of the following material: Nitrile rubber. STANDARD APPLICATIONS / EMERGENCY SITUATIONS Medium-heavy weight gauntlet type gloves that provide wrist protection are suitable.

#### **Other skin and body protection**

STANDARD APPLICATIONS Synthetic polyethylene coveralls such as the Tyvek PRO-TECH® or equivalent coveralls manufactured to provide protection against liquid chemicals should be worn. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. EMERGENCY REPAIRS OR APPLICATION OF SINGLE UNITS Cotton overalls are normally suitable.

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### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Respiratory protection is not normally required, but the hazards of the Base component should be considered for mixing and application purposes. Respirators are not normally required, but may be required when this product is used in confined spaces or where adequate ventilation cannot be achieved. It is essential that the concentration of the contaminant(s) in the application environment does not exceed the applicable occupational exposure limit(s) multiplied by the Assigned Protection Factor (APF) quoted for the respiratory protective equipment selected. Where necessary, it is recommended that an OSHA/NIOSH approved air-purifying full facepiece or half-face respirator equipped with appropriate vapor cartridge(s) should be worn. Where the application environment is likely to be contaminated by significant concentrations of dust then the appropriate particulate prefilter (N-, R- or, P-series) should be worn in combination with the above. It is essential that the facepiece is correctly fitted and the filter is changed in accordance with the manufacturer's instructions.

### Immediate danger to life and health

Where entry into unknown or Immediately Dangerous To Life or Health (IDLH) atmospheres is required, an OSHA/NIOSH approved pressure-demand self-contained breathing apparatus (SCBA) with a full facepiece or a pressure-demand supplied-air respirator (SAR) with a full facepiece in combination with an auxiliary pressure-demand SCBA respirator should be worn.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Liquid.
Color	Blue or Violet.
Odor	Amine.
Odor threshold	Not applicable.
pH	Alkaline.
Melting point	Not available.
Initial boiling point and range	>200°C/>392°F @ 760 mm Hg
Flash point	>100°C/>212°F Closed cup.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	< 0.1 kPa @ 20°C/68°F
Vapor density	> 1
Relative density	1.03 - 1.09 @ 20°C/68°F
Solubility(ies)	Partially miscible with water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not applicable.

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<b>Oxidizing properties</b>	Not applicable.
<b>Other information</b>	This section contains typical values for Health, Safety and Environmental guidance only and is not intended to represent a technical specification for the product.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable under recommended storage and handling conditions (see Section 7).
<b>Possibility of hazardous reactions</b>	No hazardous reactions expected when stored and handled as recommended.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	Keep away from oxidizing agents and strongly acidic materials to prevent the possibility of exothermic reaction.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.

**11. Toxicological information**Information on toxicological effectsAcute toxicity - oral

**Notes (oral LD<sub>50</sub>)** > 600 mg/kg, , Harmful if swallowed.

Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

Skin corrosion/irritation

**Animal data** Corrosive to skin.

Serious eye damage/irritation

**Serious eye damage/irritation** Skin corrosive, assume corrosivity to eyes. No testing is needed.

Respiratory sensitization

**Respiratory sensitization** Conclusive data but not sufficient for classification. Diethylenetriamine, a component of this product, may cause respiratory sensitization in susceptible individuals.

Skin sensitization

**Skin sensitization** May cause skin sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

**IARC carcinogenicity** Not listed.

**NTP carcinogenicity** Not listed.

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**OSHA Carcinogenicity** Not listed.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Contains a substance/a group of substances which may be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Respiratory irritant effects that impair function with symptoms such as cough, pain, choking, and breathing difficulties.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Harmful: danger of serious damage to health by prolonged exposure if swallowed.

**Target organs** Kidneys

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

**Route of exposure** Ingestion Inhalation Skin absorption Skin and/or eye contact

**Medical considerations** Skin contact constitutes a pronounced hazard. Persons with a history of skin sensitization problems should only be employed in processes in which this product is used under appropriate medical supervision.

### Toxicological information on ingredients.

#### BENZYL ALCOHOL

**Toxicological effects** May be absorbed through the skin.

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 4.178

#### CYCLOALIPHATIC AMINE PREPARATION

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 300.0

**Species** Rat

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Harmful: danger of serious damage to health by prolonged exposure if swallowed.

**Target organs** Kidneys

#### DIETHYLENETRIAMINE

**Toxicological effects** May be absorbed through the skin. During standard, non-spray applications, the risk of exposure by inhalation to hazardous concentrations of diethylenetriamine under normal working conditions in a well ventilated area is minimal.

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,553.0



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<b>Species</b>	Rat
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	1,045.0
<b>Species</b>	Rabbit
<b><u>Acute toxicity - inhalation</u></b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)</b>	0.07
<b>Species</b>	Rat
<b>Notes (inhalation LC<sub>50</sub>)</b>	NOAEL

**4,4'-METHYLENEBIS(CYCLOHEXANAMINE)**

<b>Toxicological effects</b>	Has caused skin sensitization in animals.
<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	380.0
<b>Species</b>	Rat
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
<b>Target organs</b>	Liver Muscles

**SALICYLIC ACID**

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	891.0
<b>Species</b>	Rat

**12. Ecological information**

<b>Ecotoxicity</b>	There is no data on the product itself. The following information is provided on the basis of the individual component data available.
<b>Toxicity</b>	Based on the individual component data, the product is expected to have experimental LC50/EC50/IC50 values between 10 and 100 mg/l in most sensitive species.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	Based on the individual component data, the product is not expected to be rapidly biodegradable according to OECD/EC guidelines.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	Based on the individual component data, the product is expected to bioaccumulate.
<b>Partition coefficient</b>	Not available.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	There is no data available on the product itself.

## BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER

### Other adverse effects

Other adverse effects                      None known.

### 13. Disposal considerations

#### Waste treatment methods

##### **Disposal methods**

Do NOT dump into any sewers, on the ground, or into any body of water. Controlled wastes include non-hazardous industrial and hazardous chemical wastes. Disposal must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations are the responsibility solely of the waste generator. . . COMPONENT DISPOSAL TRANSIT PACKAGING: shrink or stretch wrap, boxes and fittings that have not been contaminated with product should be re-used or recycled. UNREACTED PRODUCT, uncleaned containers and contaminated packaging may qualify as hazardous chemical waste as defined in 40 CFR 261.20-24. REACTED PRODUCT, that has been mixed and cured in accordance with the relevant 'Instructions For Use' will form an inert filled polymeric compound that may be able to be disposed of as non-hazardous solid waste. Refer to your local licensed, permitted waste agent or facility.

##### **Waste class**

. . Waste class is not relevant. .

### 14. Transport information

#### **General**

Labeling and packaging requirements may vary with pack and load size. Please refer to the current transport regulations. Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

#### UN Number

UN No. (TDG)	2735
UN No. (IMDG)	2735
UN No. (ICAO)	2735
UN No. (DOT)	2735

#### UN proper shipping name

<b>Proper shipping name (TDG)</b>	Amines, liquid, corrosive, n.o.s. (containing Diethylenetriamine mixture)
<b>Proper shipping name (IMDG)</b>	Amines, liquid, corrosive, n.o.s. (containing Diethylenetriamine mixture)
<b>Proper shipping name (ICAO)</b>	Amines, liquid, corrosive, n.o.s. (containing Diethylenetriamine mixture)
<b>Proper shipping name (DOT)</b>	Amines, liquid, corrosive, n.o.s. (containing Diethylenetriamine mixture)

#### Transport hazard class(es)

DOT hazard class	8
TDG class	8
IMDG Class	8
ICAO class/division	8

#### Packing group

TDG Packing Group	III
IMDG packing group	III
ICAO packing group	III

## BELZONA® 1321 (CERAMIC S-METAL) SOLIDIFIER

DOT packing group III

### Environmental hazards

#### Environmentally Hazardous Substance

No.

### Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not carried in bulk.

## 15. Regulatory information

### US Federal Regulations

#### SARA 313 Emission Reporting

SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

#### SARA (311/312) Hazard Categories

Acute  
Chronic

### US State Regulations

**State Regulations Comments** U.S California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

#### California Proposition 65 Carcinogens and Reproductive Toxins

U.S California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

## 16. Other information

### **General information**

The information contained within this safety data sheet does not constitute the users own assessment of workplace risks as may be required by other Local Regulations. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant Local Regulations are complied with. To the best of our knowledge, the information contained herein is accurate. However, some of the information presented and conclusions drawn are derived from sources other than direct test data on the product itself and while Belzona Inc. believes such sources to be reliable, the information is provided without any warranty regarding its correctness. Since Belzona Inc. has no control over the conditions under which the product will be used, liability will not be assumed to exceed replacement or refund of the purchase price of this product. Except as stated herein, there are no express or implied warranties including implied warranties of merchantability or fitness for a particular purpose. Belzona Inc. assumes no liability for injury or incidental or consequential damage arising out of the storage, handling, use or, disposal of this product.

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**Key literature references and sources for data** . . . . .

**Training advice** For further information please contact your supplier, Belzona consultant or Belzona direct.

**Revision comments** REVISION. This safety data sheet has been revised in the following Section(s): 8, 15, Please observe the REVISION DATE. Should you be reading a material safety data sheet that is more than 24 months old or have concerns over its validity, please contact your local Belzona Distributor or Belzona direct (sds@belzona.com) and the most current information will be sent to you.

**Revision date** 6/1/2021

**Revision** 3.9

**SDS No.** 11299

**SDS status** English (North American). Approved.

**Hazard statements in full** H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs (Kidneys) through prolonged or repeated exposure if swallowed.

**NFPA - health hazard** Extremely hazardous, serious injury. (3)

**NFPA - flammability hazard** Burns only if pre-heated. (1)

**NFPA - instability hazard** Normally stable. (0)