

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : BOSS 840 Non-Corrosive Marine Sealant  
Reference number : 142462, 142460, 144661, 142468, 142469, 142461, 153992, 144732, 144731, 144730, 144662, 142457, 142458, 142459, 142463, 142464, 142465, 142466, 142467, 175136

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Consumer use, Professional use  
Use of the substance/mixture : Silicones

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Soudal USA  
350 Ring Road  
Elizabethtown, KY 42701

[technical@soudalaccumetric.com](mailto:technical@soudalaccumetric.com)  
[www.SoudalUSA.com](http://www.SoudalUSA.com)

#### 1.4 Emergency Telephone number

: (800) 424-9300 CHEMTREC  
24h/24h

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EYE DAMAGE/IRRITATION - Category 2A

SENSITIZATION - SKIN - Category 1

##### Adverse physicochemical, human health and environmental effects

Causes serious eye irritation. May cause an allergic skin reaction

#### 2.2. Label elements

Hazard Pictograms (CLP)

:



Signal word (CLP)

: WARNING

Hazard Statements (CLP)

: Causes serious eye irritation  
May cause an allergic skin reaction

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Precautionary statements (CLP) : If eye irritation persists, get medical advice/attention.  
If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin: wash with plenty of soap and water.  
If skin irritation or rash occurs, get medical advice attention.  
Read label before use.  
Wash contaminated clothing before reusing.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Avoid release to environment.  
Wear eye protection/face protection.  
Wear protective gloves.  
Dispose of contents and containers in accordance with all local, regional, national, and international regulations.

Extra phrases :

### 2.3. Other hazards

None known

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification
Amorphous fumed silica	CAS-No.: 112945-52-5	5 - 10	
Methyl Oximino Silane	CAS-No.: 22984-54-9	1 - 5	
Vinyl Oximino Silane	CAS-No.: 2224-33-1	1 - 5	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Respiratory problems: consult a doctor/medical service.  
First-aid measures after skin contact : Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.  
First-aid measures after ingestion : Rinse mouth out with water. Get medical advice/attention if you feel unwell.

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

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : None known.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Large spills: scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the workstation. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store at room temperature. Store in a well-ventilated place. Keep container closed when not in use.

Maximum storage period : ~ 1 year

Packaging materials : Synthetic material.

#### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Methanol (CAS-no. 67-56-1)	
OSHA	
PEL	260 mg/m <sup>3</sup>
PEL	200 ppm
ACGIH	
TWA	200 ppm

Amorphous fumed silica (CAS-no. 112945-52-5)	
ACGIH:	
TLV	10 mg/m <sup>3</sup>
OSHA	
PEL	6 mg/m <sup>3</sup>

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the workstation.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment symbol(s):



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

**Hand protection:** Wear appropriate chemical resistant gloves.

###### 8.2.2.3. Respiratory protection

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### Respiratory protection:

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental Exposure Controls

**Environmental exposure controls:** Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Paste
Color	: Refer to product label
Appearance	: Not applicable
Odor	: Slight
Odor threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: 850,000 cPs
Solubility	: Insoluble
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50°C	: Not available
Density	: 1.03
Relative density	: Not applicable
Relative vapor density at 20°C	: Not applicable
Particle size	: Not available

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

VOC content	: 26 g/L (<3%)
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.

### 10.5. Incompatible materials

Oxidizing materials, bases, combustible materials, strong acids, strong bases.

### 10.6. Hazardous decomposition products

Oxides of carbon, oxides of calcium, hydrogen chloride.

## SECTION 11: Toxicological information

### 11.1. Information on hazard class

*Toxicological information appears in this section when such data are available.*

#### Information on likely routes of exposure:

Eye contact, Skin contact, Ingestion.

**Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### Acute Toxicity Endpoints:

Not classified based on available information.

#### Acute oral toxicity: Information for the Product:

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):

LD50, Rat, > 5,000 mg/kg Estimated.

#### Acute dermal toxicity: Information for the Product:

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):

LD50, > 2,000 mg/kg Estimated.

#### Acute inhalation toxicity: Information for the Product:

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.

As product: The LC50 has not been determined.

#### Skin corrosion/irritation

Not classified based on available information.

#### Information for the Product:

Based on information for component(s):

Prolonged contact is essentially nonirritating to skin.

May cause drying and flaking of the skin.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Information for the Product:

Based on information for component(s):

May cause slight temporary eye irritation.

Corneal injury is unlikely.

May cause mild eye discomfort.

#### Sensitization

##### For skin sensitization:

Not classified based on available information.

##### For respiratory sensitization:

Not classified based on available information.

#### Information for the Product:

For skin sensitization: Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

For respiratory sensitization:

No relevant information found.

#### Specific Target Organ Systemic Toxicity (Single Exposure)

Not classified based on available information.

#### Information for the Product:

Product test data not available.

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### Aspiration Hazard

Not classified based on available information.

### Information for the Product:

Based on physical properties, not likely to be an aspiration hazard.

**Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

### Specific Target Organ Systemic Toxicity (Repeated Exposure)

Not classified based on available information.

### Information for the Product:

Product test data not available.

### Carcinogenicity

Not classified based on available information.

### Information for the Product:

Product test data not available.

### Teratogenicity

Not classified based on available information.

### Information for the Product:

Product test data not available.

### Reproductive toxicity

Not classified based on available information.

### Information for the Product:

Product test data not available.

### Mutagenicity

Not classified based on available information.

### Information for the Product:

Product test data not available.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use of disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after careful evaluation and in compliance with all federal, local and state laws.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated for transport				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				

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Not regulated				
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### 14.5. Environmental hazards

Not regulated				
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No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air Transport

Not regulated

#### Inland Waterway Transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. US Federal Regulations

###### TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

###### SARA 302

None

###### SARA 304

None

###### SARA 311/312

Acute Health Hazard

Yes

Chronic Health Hazard

Yes

Fire Hazard

No

Sudden Release of Pressure Hazard

No

Reactive Hazard

No

###### SARA 313

None present of none present in reportable quantities.

##### 15.1.2. US State Regulations

###### Massachusetts

Titanium Dioxide (13463-67-7)

Diisononyl phthalate (28553-67-6)

###### New Jersey

Titanium Dioxide (13463-67-7)

Diisononyl phthalate (28553-67-6)

###### Pennsylvania

Titanium Dioxide (13463-67-7)

Diisononyl phthalate (28553-67-6)

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**California Prop 65: WARNING:** This product can expose you to chemicals including titanium dioxide (white and colors only), Carbon Black (black only), which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

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SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation: vapor)	Acute toxicity (inhalation: vapor) Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3

### Full text of H- and EUH-statements:

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material of the results to be obtained from the use thereof.

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