



# Soudal Soudaseal FC

## Safety Data Sheet

Revision date: 01/10/2025 Supersedes version of: 07/11/2022 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : SOUDAL Soudaseal FC  
Reference number : 143609, 143610, 143611, 143612, 143613, 143614, 143615, 143616, 159443, 507520, 507522, 509185, 507523, 507524, 507525, 509184, 509185, 509186

#### 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 : Sealants

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Soudal USA 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                                                                                             |
|-------------------------------------------------------|---------------------|-------------|------------------------------------------------------------------------------------------------------------|
| Dibutyltin Diacetyldiacetonate                        | CAS-No.: 22673-19-4 | < 1         |                                                                                                            |
| N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | CAS-No.: 1760-24-3  | <1          | Acute Tox. 4; Eye Dam. 1;<br>Skin Sens. 1B; STOT RE 2;<br>Aquatic Acute 2; H332,<br>H318, H317, H373, H401 |
| Calcium carbonate                                     | CAS-No.: 1317-65-3  | ≥ 35 – < 55 |                                                                                                            |
| Titanium Dioxide                                      | CAS-No.: 13463-67-7 | ≥ 0 – < 5   |                                                                                                            |
| Diisononyl phthalate                                  | CAS-No.: 28553-12-0 | ≥ 1 – < 5   | Acute Tox. 4 (oral), H303<br>Reproductive Tox. 1B, H360FD<br>Long term aquatic hazard 4, H413              |
| Distillates (petroleum), hydrotreated middle          | CAS-No.: 64742-46-7 | 1-5         | Flam. Liq. 3, H226 Asp. Tox. 1, H304<br>Skin Irrit. 2, H315 Acute Tox. 4, H332                             |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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|                                       |                                                                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.

## 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 | : Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. |
|----------------------|---------------------------------------------------------------------------------------------------------------------|

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. 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.

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### 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

### 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                |
| Calcium carbonate (CAS-no. 471-34-1)  |                        |
| NIOSH                                 |                        |
| TWA                                   | 10 mg/m <sup>3</sup>   |
| OSHA                                  |                        |
| TWA                                   | 15 mg/m <sup>3</sup>   |
| Titanium dioxide (CAS-no. 13463-67-7) |                        |
| ACGIH                                 |                        |
| TWA                                   | 10 mg/m <sup>3</sup>   |
| NIOSH                                 |                        |
| IDLH                                  | 5000 mg/m <sup>3</sup> |
| OSHA                                  |                        |
| TWA                                   | 15 mg/m <sup>3</sup>   |

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|                                                   |                       |
|---------------------------------------------------|-----------------------|
| Dibutyltin Diacetyldiacetate (CAS-no. 22673-19-4) |                       |
| ACGIH                                             |                       |
| TWA                                               | 0.1 mg/m <sup>3</sup> |
| STEL                                              | 0.2 mg/m <sup>3</sup> |
| NIOSH:                                            |                       |
| TWA                                               | 0.1 mg/m <sup>3</sup> |
| IDLH                                              | 25 mg/m <sup>3</sup>  |
| OSHA                                              |                       |
| TWA                                               | 0.1 mg/m <sup>3</sup> |
| Distillates (petroleum), hydrotreated middle      |                       |
| OSHA                                              |                       |
| PEL                                               | 5 mg/m <sup>3</sup>   |
| ACGIH                                             |                       |
| TWA                                               | 5 mg/m <sup>3</sup>   |
| NIOSH:                                            |                       |
| STEL                                              | 10 mg/m <sup>3</sup>  |
| TWA                                               | 5 mg/m <sup>3</sup>   |

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### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits<sup>14</sup>.

### 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

##### 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        | : Solid           |
| Color                 | : Variable.       |
| Appearance            | : Pasty.          |
| Odor                  | : characteristic. |
| Odor threshold        | : Not available   |
| Melting point         | : Not applicable  |
| Freezing point        | : Not available   |
| Boiling point         | : Not available   |
| Flammability          | : Not applicable  |
| Lower explosion limit | : Not applicable  |

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|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Upper explosion limit                           | : Not applicable                 |
| Flash point                                     | : > 100 °C                       |
| Auto-ignition temperature                       | : Not applicable                 |
| Decomposition temperature                       | : Not available                  |
| pH                                              | : Not available                  |
| pH solution                                     | : Not available                  |
| Viscosity, kinematic                            | : Not applicable                 |
| Solubility                                      | : Not available                  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                  |
| Vapor pressure                                  | : Not available                  |
| Vapor pressure at 50°C                          | : Not available                  |
| Density                                         | : 1.500 g/cm <sup>3</sup> (20°C) |
| Relative density                                | : 1.500 (20°C)                   |
| 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

No additional information available

#### 9.2.2. Other safety characteristics

VOC content: < 1 %

## 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.

### 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

|                             |                                    |
|-----------------------------|------------------------------------|
| Acute toxicity (oral)       | : Not classified                   |
| Acute toxicity (dermal)     | : May cause allergic skin reaction |
| Acute toxicity (inhalation) | : Not classified                   |

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### Calcium carbonate (CAS-no. 1317-65-3)

|                 |             |
|-----------------|-------------|
| LD50 oral (rat) | 6,450 mg/kg |
|-----------------|-------------|

### Titanium Dioxide (CAS-no. 13463-67-7)

|                 |               |
|-----------------|---------------|
| LD50 oral (rat) | >10,000 mg/kg |
|-----------------|---------------|

### Diisononyl phthalate (CAS-no. 28553-12-0)

|                      |              |
|----------------------|--------------|
| LD50 dermal (rabbit) | >3,160 mg/kg |
|----------------------|--------------|

|                       |           |
|-----------------------|-----------|
| LC50 inhalation (rat) | >4.4 mg/L |
|-----------------------|-----------|

|                        |                                    |
|------------------------|------------------------------------|
| Immediate Effects      | : Causes serious eye damage        |
| Delayed Effects        | : May cause allergic skin reaction |
| Irritation/Corrosivity | : Causes serious eye irritation    |

|                        |                  |
|------------------------|------------------|
| Germ cell mutagenicity | : Not classified |
|------------------------|------------------|

#### Carcinogenicity:

### Titanium Dioxide (CAS no. 13463-67-7)

ACGIH: A4 – Not classified as a human carcinogen  
IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))  
DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)  
OSHA: present

### Dibutyltin Diacetyldiacetate (CAS no. 22673-19-4)

ACGIH: A4 - Not Classifiable as a Human Carcinogen (related to Tin organic compounds)

### Diisononyl phthalate (CAS no. 26761-40-0)

IARC: Grouped 2B (possibly carcinogen to humans)  
OSHA: no component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

|                       |                  |
|-----------------------|------------------|
| Reproductive toxicity | : Not classified |
|-----------------------|------------------|

|                      |                  |
|----------------------|------------------|
| STOT-single exposure | : Not classified |
|----------------------|------------------|

|                        |                  |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
|------------------------|------------------|

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Aspiration hazard : Not classified

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified.

Not rapidly degradable

### Diisononyl phthalate (CAS-no. 28553-12-0)

|                                        |            |
|----------------------------------------|------------|
| LC50 - Fish [1]                        | > 102 mg/l |
| EC50 72h - Algae [1]                   | > 88 mg/l  |
| NOEC (Daphnia magna (Water flea)) 21 d | 101 mg/l   |

### 12.3. Bioaccumulative potential

### Diisononyl phthalate (CAS-no. 28553-12-0)

|                                                |     |
|------------------------------------------------|-----|
| Biodegradability: Aerobic - Exposure time 28 d | 81% |
| Bioaccumulative potential                      | < 3 |

## 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         |      |      |     |     |

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|                                         |               |               |               |               |
|-----------------------------------------|---------------|---------------|---------------|---------------|
| 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>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| 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.

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### 15.1.2. US State Regulations

#### Massachusetts

Calcium Carbonate (1317-65-3)  
Titanium Dioxide (13463-67-7)  
Diisononyl phthalate (28553-67-6)

#### New Jersey

Calcium Carbonate (1317-65-3)  
Titanium Dioxide (13463-67-7)  
Diisononyl phthalate (28553-67-6)

#### Pennsylvania

Calcium Carbonate (1317-65-3)  
Titanium Dioxide (13463-67-7)  
Diisononyl phthalate (28553-67-6)

**California Prop 65: WARNING:** This product can expose you to chemicals including titanium dioxide, 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                                                                              |

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

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

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Acute Tox. 4<br>(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 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 or the results to be obtained from the use thereof.

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