

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

**SECTION 1. IDENTIFICATION**

Product name : DOW CORNING(R) 791 SILICONE WEATHERPROOFING SEALANT-BRONZE

Product code : 000000000004082674

**Manufacturer or supplier's details**

Company name of supplier : Dow Corning Corporation

Address : South Saginaw Road  
Midland Michigan 48686

Telephone : (989) 496-6000

Emergency telephone : 24 Hour Emergency Telephone : (989) 496-5900  
CHEMTREC : (800) 424-9300

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

Recommended use : Construction materials and additives

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

Precautionary Statements : **Prevention:**  
P271 Use only outdoors or in a well-ventilated area.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Silicone elastomer

**Hazardous ingredients**

Chemical name	CAS-No.	Concentration (% w/w)
Calcium carbonate	471-34-1	>= 50 - < 70
Titanium dioxide	13463-67-7	>= 0.1 - < 1
Carbon black	1333-86-4	>= 0.1 - < 1
Quartz	14808-60-7	>= 0.1 - < 1
Cobalt titanite green spinel	68186-85-6	>= 0.1 - < 1

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

**SECTION 4. FIRST AID MEASURES**

- |   |   |
|---|---|
| If inhaled  | : If inhaled, remove to fresh air.<br>Get medical attention if symptoms occur.  |
| In case of skin contact                                     | : Wash with water and soap as a precaution.<br>Get medical attention if symptoms occur.                                   |
| In case of eye contact                                      | : Flush eyes with water as a precaution.<br>Get medical attention if irritation develops and persists.                    |
| If swallowed  | : If swallowed, DO NOT induce vomiting.<br>Get medical attention if symptoms occur.<br>Rinse mouth thoroughly with water. |
| Most important symptoms and effects, both acute and delayed | : None known.   |
| Protection of first-aiders                                  | : No special precautions are necessary for first aid responders.  |
| Notes to physician  | : Treat symptomatically and supportively.   |

**SECTION 5. FIRE-FIGHTING MEASURES**

- |  |   |
|--|---|
| Suitable extinguishing media                   | : Water spray<br>Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical  |
| Unsuitable extinguishing media                 | : None known.   |
| Specific hazards during fire fighting          | : Exposure to combustion products may be a hazard to health.  |
| Hazardous combustion products                  | : Carbon oxides<br>Metal oxides<br>Silicon oxides<br>Formaldehyde   |
| Specific extinguishing methods                 | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray to cool unopened containers.<br>Remove undamaged containers from fire area if it is safe to do so.<br>Evacuate area. |
| Special protective equipment for fire-fighters | : Wear self-contained breathing apparatus for firefighting if necessary.<br>Use personal protective equipment.  |

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version 1.4	Revision Date: 10/20/2015	SDS Number: 961700-00005	Date of last issue: 04/04/2015 Date of first issue: 12/16/2014
----------------	------------------------------	-----------------------------	---

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Follow safe handling advice and personal protective equipment recommendations.
- Environmental precautions : Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

**SECTION 7. HANDLING AND STORAGE**

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
- Conditions for safe storage : Keep in properly labeled containers. Store in accordance with the particular national regulations.
- Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

Ingredients	CAS-No.	Value type (Form of	Control parameters / Permissible	Basis

## DOW CORNING(R) 791 SILICONE WEATHERPROOFING SEALANT-BRONZE

Version 1.4      Revision Date: 10/20/2015      SDS Number: 961700-00005      Date of last issue: 04/04/2015  
Date of first issue: 12/16/2014

		exposure)	concentration	
Calcium carbonate	471-34-1	TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA	10 mg/m <sup>3</sup> (Titanium dioxide)	ACGIH
Carbon black	1333-86-4	TWA	3.5 mg/m <sup>3</sup>	NIOSH REL
		TWA	3.5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Inhalable fraction)	3 mg/m <sup>3</sup>	ACGIH
Quartz	14808-60-7	TWA (total dust)	30 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	10 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO <sub>2</sub> +5	OSHA Z-3
		TWA (Respirable fraction)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m <sup>3</sup> (Silica)	NIOSH REL
Cobalt titanite green spinel	68186-85-6	TWA	0.02 mg/m <sup>3</sup> (Cobalt)	ACGIH
		TWA	0.015 mg/m <sup>3</sup> (Nickel)	NIOSH REL
		TWA	1 mg/m <sup>3</sup> (Nickel)	OSHA Z-1
		TWA (Inhalable fraction)	0.2 mg/m <sup>3</sup> (Nickel)	ACGIH

**Engineering measures** : Processing may form hazardous compounds (see section 10).  
Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.  
Dust formation may be relevant in the processing of this product. In addition to substance-specific OELs, general limitations of concentrations of particulates in the air at workplaces have to be considered in workplace risk assessment. Relevant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m<sup>3</sup> - total dust, 5 mg/m<sup>3</sup> - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m<sup>3</sup> - respirable particles, 10 mg/m<sup>3</sup> - inhalable particles.

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

Remarks	: For prolonged or repeated contact use protective gloves. Wash hands before breaks and at the end of workday.
Eye protection	: Wear the following personal protective equipment: Safety glasses
Skin and body protection	: Skin should be washed after contact.
Hygiene measures	: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: paste
Color	: in accordance with the product description
Odor	: none
Odor Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: Not applicable
Relative vapor density	: No data available
Relative density	: 1.51
Solubility(ies)	
Water solubility	: No data available

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, dynamic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Molecular weight	:	No data available

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Methyl alcohol is formed upon contact with water or humid air. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	
Thermal decomposition	:	Formaldehyde

---

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Skin contact

Ingestion

Eye contact

**Acute toxicity**

Not classified based on available information.

**Ingredients:****Calcium carbonate:**

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 420 Assessment: The substance or mixture has no acute oral toxicity
---------------------	---	---

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

Acute inhalation toxicity : LC50 (Rat): > 3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

**Titanium dioxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 6.82 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

**Carbon black:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 0.0046 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

**Quartz:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

**Cobalt titanite green spinel:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Remarks: Based on data from similar materials

**Skin corrosion/irritation**

Not classified based on available information.

**Ingredients:****Calcium carbonate:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

**Titanium dioxide:**

Species: Rabbit  
Result: No skin irritation

**Carbon black:**

Species: Rabbit  
Result: No skin irritation

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

**Cobalt titanite green spinel:**

Species: Rabbit

Result: No skin irritation

Remarks: Based on data from similar materials

**Serious eye damage/eye irritation**

Not classified based on available information.

**Ingredients:****Calcium carbonate:**

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

**Titanium dioxide:**

Species: Rabbit

Result: No eye irritation

**Carbon black:**

Species: Rabbit

Result: No eye irritation

**Respiratory or skin sensitization**

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

**Ingredients:****Calcium carbonate:**

Test Type: Local lymph node assay (LLNA)

Routes of exposure: Skin contact

Species: Mouse

Method: OECD Test Guideline 429

Result: negative

**Titanium dioxide:**

Test Type: Local lymph node assay (LLNA)

Routes of exposure: Skin contact

Species: Mouse

Result: negative

**Carbon black:**

Test Type: Buehler Test

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

**Cobalt titanite green spinel:**

Assessment: Probability or evidence of low to moderate skin sensitization rate in humans

Remarks: Based on data from similar materials



**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

**Germ cell mutagenicity**

Not classified based on available information.

**Ingredients:****Calcium carbonate:**Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative**Titanium dioxide:**Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo

: Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative**Carbon black:**Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative**Cobalt titanite green spinel:**Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative  
Remarks: Based on data from similar materials  
  
: Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative  
Remarks: Based on data from similar materials**Carcinogenicity**

Not classified based on available information.

**Ingredients:****Titanium dioxide:**Species: Rat  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 24 Months  
Method: OECD Test Guideline 453  
Result: positive  
Remarks: The mechanism or mode of action may not be relevant in humans.  
The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in inhalation studies with animals.

**Quartz:**Species: Humans  
Application Route: inhalation (dust/mist/fume)  
Result: positive  
Remarks: IARC (International Agency for Research on Cancer)  
The substance is inextricably bound in the product and therefore does not contribute to a dust

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version 1.4	Revision Date: 10/20/2015	SDS Number: 961700-00005	Date of last issue: 04/04/2015 Date of first issue: 12/16/2014
----------------	------------------------------	-----------------------------	---

inhalation hazard.

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

**Cobalt titanite green spinel:**

Species: Rat

Application Route: inhalation (dust/mist/fume)

Exposure time: 2 Years

Result: positive

Remarks: Based on data from similar materials

The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

**IARC**

Group 1: Carcinogenic to humans

Quartz 14808-60-7

Cobalt titanite green spinel 68186-85-6

Group 2B: Possibly carcinogenic to humans

Titanium dioxide 13463-67-7

Carbon black 1333-86-4

**OSHA**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

Known to be human carcinogen

Quartz 14808-60-7

Cobalt titanite green spinel 68186-85-6

**Reproductive toxicity**

Not classified based on available information.

**Ingredients:****Calcium carbonate:**

Effects on fertility

: Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test

Species: Rat

Application Route: Ingestion

Method: OECD Test Guideline 422

Result: negative

Effects on fetal development

: Test Type: Reproduction/Developmental toxicity screening test

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

**Cobalt titanite green spinel:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

Effects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Ingredients:****Carbon black:**

Routes of exposure: inhalation (dust/mist/fume)

Assessment: No significant health effects observed in animals at concentrations of 0.2 mg/l/6h/d or less.

**Quartz:**

Routes of exposure: inhalation (dust/mist/fume)

Target Organs: Lungs

Assessment: Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

**Cobalt titanite green spinel:**

Routes of exposure: inhalation (dust/mist/fume)

Target Organs: Lungs

Assessment: Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Repeated dose toxicity****Ingredients:****Calcium carbonate:**

Species: Rat

NOAEL: 1,000 mg/kg

Application Route: Ingestion

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

Exposure time: 6 Weeks  
Method: OECD Test Guideline 422

**Titanium dioxide:**

Species: Rat  
NOAEL: 24,000 mg/kg  
Application Route: Ingestion  
Exposure time: 28 d

Species: Rat  
NOAEL: 10 mg/m<sup>3</sup>  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 2 y  
Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Carbon black:**

Species: Rat  
NOAEL: 1 mg/m<sup>3</sup>  
LOAEL: 7 mg/m<sup>3</sup>  
Application Route: Inhalation  
Test atmosphere: dust/mist  
Exposure time: 90 d  
Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Quartz:**

Species: Humans  
LOAEL: 0.053 mg/m<sup>3</sup>  
Application Route: Inhalation  
Remarks: OECD SIDS  
The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Cobalt titanite green spinel:**

Species: Mouse  
LOAEL: 0.00125 mg/l  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 2 yr  
Remarks: Based on data from similar materials  
The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Aspiration toxicity**

Not classified based on available information.

---

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Ingredients:**

**Calcium carbonate:**

## DOW CORNING(R) 791 SILICONE WEATHERPROOFING SEALANT-BRONZE

Version	Revision Date:	SDS Number:	Date of last issue:
1.4	10/20/2015	961700-00005	04/04/2015
			Date of first issue: 12/16/2014

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae : ErC50 (Desmodesmus subspicatus (green algae)): > 14 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- Titanium dioxide:**
- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h
- Toxicity to algae : EC50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l  
Exposure time: 72 h
- Toxicity to bacteria : EC50: > 1,000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209
- Carbon black:**
- Toxicity to fish : LC0 (Danio rerio (zebra fish)): 1,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 5,600 mg/l  
Exposure time: 24 h  
Method: OECD Test Guideline 202
- Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 10,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- Quartz:**
- Ecotoxicology Assessment
- Acute aquatic toxicity : No toxicity at the limit of solubility.
- Chronic aquatic toxicity : No toxicity at the limit of solubility.
- Cobalt titanite green spinel:**
- Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l  
Exposure time: 96 h  
Method: DIN 38412  
Remarks: Based on data from similar materials
- Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version 1.4	Revision Date: 10/20/2015	SDS Number: 961700-00005	Date of last issue: 04/04/2015 Date of first issue: 12/16/2014
----------------	------------------------------	-----------------------------	---

aquatic invertebrates	Exposure time: 48 h Remarks: Based on data from similar materials
Toxicity to algae	: ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials  EC10 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 Remarks: Based on data from similar materials
Toxicity to bacteria	: EC50: 33 mg/l Exposure time: 30 min Method: ISO 8192 Remarks: Based on data from similar materials

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Resource Conservation and Recovery Act (RCRA)	: This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
---	--

Waste from residues	: Dispose of in accordance with local regulations.
---------------------	--

Contaminated packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.
------------------------	---

**SECTION 14. TRANSPORT INFORMATION****International Regulation**

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

**UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****49 CFR**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know****CERCLA Reportable Quantity**

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	5000	*
Ethylenediamine	107-15-3	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ethylenediamine	107-15-3	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311/312 Hazards** : No SARA Hazards**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Cobalt titanite green spinel 68186-85-6 0.24 %

**US State Regulations****Pennsylvania Right To Know**

Calcium carbonate	471-34-1	50 - 70 %
Dimethyl siloxane, hydroxy-terminated	70131-67-8	30 - 50 %
Dimethyl siloxane, trimethylsiloxy-terminated	63148-62-9	5 - 10 %

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

Aluminium	7429-90-5	0.1 - 1 %
Methanol	67-56-1	0 - 0.1 %

**New Jersey Right To Know**

Calcium carbonate	471-34-1	50 - 70 %
Dimethyl siloxane, hydroxy-terminated	70131-67-8	30 - 50 %
Dimethyl siloxane, trimethylsiloxy-terminated	63148-62-9	5 - 10 %
Carbon black	1333-86-4	0.1 - 1 %
Quartz	14808-60-7	0.1 - 1 %
Cobalt titanite green spinel	68186-85-6	0.1 - 1 %

**California Prop. 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.

Cobalt titanite green spinel	68186-85-6
------------------------------	------------

WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

Methanol	67-56-1
----------	---------

**The ingredients of this product are reported in the following inventories:**

REACH : All ingredients (pre-)registered or exempt.

TSCA : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

IECSC : All ingredients listed or exempt.

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).



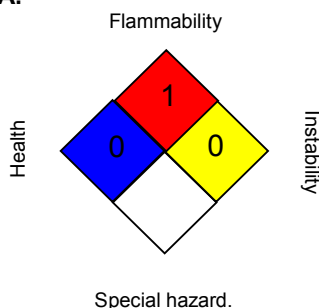
# DOW CORNING(R) 791 SILICONE WEATHERPROOFING SEALANT-BRONZE

Version 1.4      Revision Date: 10/20/2015      SDS Number: 961700-00005      Date of last issue: 04/04/2015  
 Date of first issue: 12/16/2014

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
 NIOSH REL : USA. NIOSH Recommended Exposure Limits  
 OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
 OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts  
 ACGIH / TWA : 8-hour, time-weighted average  
 NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek  
 OSHA Z-1 / TWA : 8-hour time weighted average  
 OSHA Z-3 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Ob-

**DOW CORNING(R) 791 SILICONE  
WEATHERPROOFING SEALANT-BRONZE**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2015
1.4	10/20/2015	961700-00005	Date of first issue: 12/16/2014

---

served (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date : 10/20/2015

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8