

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 1

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Primer for Grassello and Marmorino

*Article No.:* 31942

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

Primer

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de

*EMail:* info@kremer-pigmente.de

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Classification according to Directive No. 67/548/EC or No. 1999/45/EC*

*Safety Phrases:*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Signal word:*

*Hazard designation:*

EUH208

May produce an allergic reaction.

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*EUH208: contains 1,2-Benzisothiazol-3(2H)-one. Can cause next page:*

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 2

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

*allergic reactions.*

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:*

*Information on Components / Hazardous Ingredients:*

Natural calcium carbonate (ca. 97 %)	30 - 35 %	CAS-Nr: 471-34-1 EINECS-Nr: 207-439-9 EC-Nr:
Titanium dioxide (REACH Reg. No. 01-2119489379-17-0016)	2 - 2.5 %	CAS-Nr: 13463-67-7 EINECS-Nr: 236-675-5 EC-Nr:
Ammonium nonylphenoxy polyethoxy sulfate, branched (Xi, N; R38-41-51/53; H319-315-411-413)	0.2 - 0.3 %	CAS-Nr: 68649-55-8 EINECS-Nr: EC-Nr:
Triton® X 100	< 0.2 %	CAS-Nr: 9002-93-1 EINECS-Nr: EC-Nr:

*Additional information:*

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Supply fresh air and keep patient calm.  
If breathing is difficult call a physician.*

*After skin contact:*

*Wash off with plenty of water.  
If irritation continues consult a physician.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.  
Seek medical attention if irritation persists.*

*After ingestion:*

*Consult a doctor.  
Do not induce vomiting.  
Never give anything by mouth to an unconscious person.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*Can cause allergic reactions.*

*Effects:*

next page: 3

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 3

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

### 4. 3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

---

## 5. Fire-Fighting Measures

### 5. 1. Extinguishing Media

*Suitable extinguishing media:*

Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.

*Unsuitable extinguishing media:*

None known.

### 5. 2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

In case of fire: formation of carbon oxides, toxic gases/vapors.

### 5. 3. Advice for Firefighters

*Protective equipment:*

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

*Further information:*

---

## 6. Accidental Release Measures

### 6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

Avoid formation of dust, wear protective clothing.

Do not inhale dust.

### 6. 2. Environmental Precautions

*Environmental precautions:*

Prevent contamination of soils, drains and surface water.

### 6. 3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

Take up mechanically and collect in suitable containers for disposal.

Rinse with lots of water.

### 6. 4. Reference to other Sections

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

---

## 7. Handling and Storage

### 7. 1. Precautions for Safe Handling

*Instructions on safe handling:*

Wear adequate protective clothing (see para. 8).

*Hygienic measures:*

Do not eat or drink during work. Do not smoke.

Change contaminated clothing. Preventive skin protection recommended. Wash hands after work.

### 7. 2. Conditions for Safe Storage, including any Incompatibilities

next page: 4

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 4

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

### Storage conditions:

Store in tightly sealed containers in a well ventilated location.

### Requirements for storage areas and containers:

Store the product in the original container.

### Information on fire and explosion protection:

No information available.

### Storage class (VCI):

### Further Information:

### 7.3. Specific End Use(s)

#### Further information:

---

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

#### Parameters to be controlled (DE):

TLV: 3 mg/m<sup>3</sup> (8h) airborne fraction (average value).

TLV: 10 mg/m<sup>3</sup> (8h) inhalable dust (average value)

Titanium dioxide (CAS 13463-67-7): TLV (TRGS 900): 1.25 mg/m<sup>3</sup> (airborne dust), 10 ml/m<sup>3</sup> (inhalable dust); 2(II)

#### Parameters to be controlled:

#### Derived No-Effect Level (DNEL):

700 mg/m<sup>3</sup> bw/d (consumer, swallowing, short-term exposition - local effects)

#### Predicted No-Effect Concentration (PNEC):

Fresh water: 0.127 mg/l

Seawater: 1 mg/l

Fresh water sediment: 1000 mg/l

Seawater sediment: 100 mg/kg

Intermittent release: 0.61 mg/l

Sewage treatment system (STP): 100 mg/l

Soil: 100 mg/kg

#### Additional Information:

### 8.2. Exposure Controls

#### Technical protective measures:

Provide adequate ventilation.

#### Personal Protection

#### General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

#### Respiratory protection:

None required under normal operating conditions.

#### Hand protection:

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 5

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

### *Protective gloves (EN 374)*

*Protective glove material:*

*Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Not required.*

*Environmental precautions:*

*Prevent contamination of open water ways and sewage system.  
Avoid contamination of ground water.*

---

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>characteristic</i>
<i>Odor threshold:</i>	
<i>pH-Value:</i>	<i>9 - 10</i>
<i>Melting temperature:</i>	<i>not known</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>&gt; 60°C</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	
<i>Vapor density:</i>	
<i>Density:</i>	<i>1.58 kg/l</i>
<i>Solubility in water:</i>	<i>miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>Product is not auto-ignitable.</i>

next page: 6

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 6

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

*Decomposition temperature:*

*not applicable*

*Viscosity, dynamic:*

*65000 - 8500 cPs (23°C)*

*Explosive properties:*

*not explosive*

*Oxidizing properties:*

*No information available.*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

---

## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Thermal decomposition:*

*No further information available.*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*In case of fire: formation of carbon oxides, fumes and other toxic gases.*

### 10.7. Further Information

---

## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral:*

*Calcium carbonate: 6450 mg/kg (rat)*

*LD50, dermal:*

next page: 7

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 7

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

*No information available.*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*Slight irritant effect.*

*Irritant effect on eyes:*

*Slight irritant effect*

*Inhalation:*

*Slight irritant effect possible*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No relevant data found.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

---

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*No data available.*

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*No data available.*

*Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

### 12.3. Bioaccumulation

### 12.4. Mobility

### 12.5. Results of PBT- und vPvP Assessment

*On the basis of available data, the product does not contain and  
next page: 8*

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 8

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

*PBT or vPvB in percentage greater than 0.1 %.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Do not let product enter waterways or sewage system.*

*AOX Value:*

---

### 13. Disposal Considerations

#### 13. 1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled.*

*Dispose of according to official local regulations.*

*Waste Code No.:*

---

### 14. Transport Information

#### 14. 1. UN Number

*ADR, IMDG, IATA*

#### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

*IMDG/IATA:*

*No hazardous goods according to IMDG.*

#### 14. 3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

next page: 9

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 31942 Primer for Grassello and Marmorino

Page 9

Revised edition: 28.09.2015

Version: 1

Printed: 03.02.2017

---

### 14. 4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14. 8. Further Information

---

## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (German Regulation; Self-assessment)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has not been carried out for this product.*

### 15. 3. Further Information

*Seveso Directive: not regulated / not applicable*

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

---

## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*