

**Safety Data Sheet**

according to UK REACH Regulation

**Pronova Maler Acryl Express**

Revision date: 30.04.2021

Product code: 19003045320002P

Page 1 of 9

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Pronova Maler Acryl Express

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Adhesives, sealants

**Uses advised against**

None, use in accordance with instructions.

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

Company name: Pronova Dichtstoffe GmbH & Co. KG  
Street: Rudolf-Diesel-Straße 12  
Place: D-55543 Bad Kreuznach  
Telephone: +49 671 920015-0  
Telefax: +49 671 920015-5020  
e-mail: info@pronova-dichtstoffe.de  
Contact person: Abteilung Regulatory Affairs  
Telephone: +49 671 870-310  
e-mail: info@pronova-dichtstoffe.de  
Internet: www.pronova-dichtstoffe.de

**1.4. Emergency telephone number:**

00 800 63333782 Mon.–Fri. 7.30 a.m. – 8.00 p.m., Sat. 9.00 a.m. – 8.00 p.m.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****GB CLP Regulation****Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
13463-67-7	titanium dioxide			1 - < 3 %
	236-675-5		01-2119489379-17	
	Carc. 2; H351			
2634-33-5	1,2-benzisothiazol-3(2H)-one			< 0.1 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 1, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H302 H315 H318 H317 H400 H411			

Full text of H and EUH statements: see section 16.

## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 2 of 9

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
13463-67-7	236-675-5	titanium dioxide	1 - < 3 %
		dermal: LD50 = >10000 mg/kg; oral: LD50 = >5000 mg/kg Carc. 2; H351: >= 100 - 100	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.1 %
		inhalation: ATE = 0,05 mg/l (vapours); inhalation: ATE = 0,005 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 531 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 M akut; H400: M=1	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

No special measures are necessary.

###### After inhalation

Provide fresh air.

###### After contact with skin

Wash immediately with: Water and soap  
If skin irritation occurs: Get medical advice/attention.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

###### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor if you feel unwell.

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

none

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

none

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder Water spray jet

###### Unsuitable extinguishing media

High power water jet.

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

none

##### 5.3. Advice for firefighters

none

#### SECTION 6: Accidental release measures

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

###### General measures

none

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 3 of 9

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.  
Allow stiffening. Take up mechanically.

#### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on protection against fire and explosion

No special fire protection measures are necessary.

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

##### Requirements for storage rooms and vessels

Always close containers tightly after the removal of product.

##### Hints on joint storage

Do not store together with: Acid alkali

##### Further information on storage conditions

Keep/Store only in original container. Protect from direct sunlight. Avoid heat and frost.

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

Adhesives, sealants

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
13463-67-7	titanium dioxide			
	Worker DNEL, long-term	inhalation	local	10
	Consumer DNEL, long-term	oral	systemic	700
2634-33-5	1,2-benzisothiazol-3(2H)-one			
	Worker DNEL, long-term	inhalation	systemic	6,8 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	0,966 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	1,2 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	0,345 mg/kg bw/day

## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 4 of 9

#### PNEC values

CAS No	Substance	Value
Environmental compartment		
13463-67-7	titanium dioxide	
Freshwater		0,127 mg/l
Freshwater (intermittent releases)		0,61 mg/l
Marine water		1 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg
2634-33-5	1,2-benzisothiazol-3(2H)-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Marine water		0,000403 mg/l
Marine water (intermittent releases)		0,0011 mg/l
Freshwater sediment		0,049 mg/l
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg

#### 8.2. Exposure controls

##### Protective and hygiene measures

When using do not eat or drink.

##### Eye/face protection

Use tightly fitting safety glasses.

##### Hand protection

Wear protective gloves. Suitable material: NBR (Nitrile rubber) If necessary, use under-gloves made of cotton.  
Penetrationtime >480 min. Thickness of the glove material: >0,5 mm

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

Provide adequate ventilation.

### SECTION 9: Physical and chemical properties

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

Physical state:	Paste
Colour:	see color on the packaging label
Odour:	sweetish
pH-Value:	na

##### Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not applicable
Sublimation point:	not applicable
Softening point:	not applicable

**Safety Data Sheet**

according to UK REACH Regulation

**Pronova Maler Acryl Express**

Revision date: 30.04.2021

Product code: 19003045320002P

Page 5 of 9

Pour point:	not applicable
Flash point:	na
<b>Flammability</b>	
Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Auto-ignition temperature:	not applicable
<b>Self-ignition temperature</b>	
Solid:	not applicable
Gas:	not applicable
Vapour pressure:	not determined
Density:	1,65 g/cm <sup>3</sup>
Water solubility:	not determined
Viscosity / kinematic:	na
Flow time:	na
Solvent separation test:	not applicable
Solvent content:	water: 10,41 %

**9.2. Other information**

none

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

Avoid heat and frost.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No information available.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 6 of 9

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
13463-67-7	titanium dioxide				
	oral	LD50 mg/kg	>5000	Rat	OECD 425
	dermal	LD50 mg/kg	>10000	Rabbit	
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	oral	LD50 mg/kg	531	Rat	OECD 423
	dermal	LD50 mg/kg	>2000	Rat	OECD 402
	inhalation vapour	ATE	0,05 mg/l		
	inhalation aerosol	ATE	0,005 mg/l		

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

#### **Sensitising effects**

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### **Additional information on tests**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

**Safety Data Sheet**

according to UK REACH Regulation

**Pronova Maler Acryl Express**

Revision date: 30.04.2021

Product code: 19003045320002P

Page 7 of 9

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
13463-67-7	titanium dioxide					
	Acute fish toxicity	LC50 mg/l	>10000	96 h	Cyprinus carpio (Common Carp)	OECD 203
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna (Big water flea)	
2634-33-5	1,2-benzisothiazol-3(2H)-one					
	Acute fish toxicity	LC50 mg/l	2,15	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203
	Acute algae toxicity	ErC50	0,11 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201
	Acute crustacea toxicity	EC50	2,9 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202
	Fish toxicity	NOEC mg/l	0,21		Oncorhynchus mykiss (Rainbow trout)	OECD 215
	Algae toxicity	NOEC mg/l	0,0403	3 d	Pseudokirchneriella subcapitata	OECD 201
	Acute bacteria toxicity	(12,8 mg/l)		3 h	Activated sludge	OECD 209

**12.2. Persistence and degradability**

No information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
2634-33-5	1,2-benzisothiazol-3(2H)-one			
	OECD 301B/ ISO 9439/ EEC 92/69V, C.4-C	70-80%	28	

**12.3. Bioaccumulative potential**

No information available.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
2634-33-5	1,2-benzisothiazol-3(2H)-one	0,7

**BCF**

CAS No	Chemical name	BCF	Species	Source
13463-67-7	titanium dioxide	19-352	Oncorhynchus mykiss (Rainbow trout)	
2634-33-5	1,2-benzisothiazol-3(2H)-one	189	Danio rerio (zebrafish)	OECD 305

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**12.7. Other adverse effects**

No information available.

**Further information**

none

## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 8 of 9

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose according to legislation. Containers with liquid residue should be taken to a collection point for special waste. Dried waste material can be disposed of as household rubbish.

#### List of Wastes Code - residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

#### List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.



## Safety Data Sheet

according to UK REACH Regulation

### Pronova Maler Acryl Express

Revision date: 30.04.2021

Product code: 19003045320002P

Page 9 of 9

#### SECTION 15: Regulatory information

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

###### EU regulatory information

###### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

##### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

#### SECTION 16: Other information

##### Abbreviations and acronyms

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse

##### Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H351	Suspected of causing cancer if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*