



**SAFETY DATA SHEET**  
Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 1

Compilation date: 24-09-2017

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** Q 50-350 MS POLYMER ADHESIVE SEALANT

**Product code:** Q 50-350

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

**Use of substance / mixture:** PC1: Adhesives, sealants.

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

**Firmenname:** Q-Company Int. GmbH  
Beckershof 3  
24558 Henstedt-Ulzburg  
Germany

**Email:** msds@qrefinish.com

**1.4. Emergency telephone number**

**Emergency tel:** +49 (0)551-19240 (Gif tinformationszentrum-Nord)

**Section 2: Hazards identification**

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

**Classification under CLP:** -: EUH210

**Most important adverse effects:** Safety data sheet available on request.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH210: Safety data sheet available on request.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

[cont...]

# SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 2

VINYLTRIMETHOXYSILANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
220-449-8	2768-02-7	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315; Eye Irrit. 2: H319	2.750%

(3-AMINOPROPYL)TRIMETHOXYSILANE

237-511-5	13822-56-5	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	2.000%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Product residues wipe gently with a soft, dry cloth. If irritation persists consult a doctor.

**Eye contact:** Remove contact lenses. Bathe the eye with running water for 15 minutes. If irritation persists, consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Call a doctor immediately. On contact with gastric acid development: methanol.

**Inhalation:** Provide fresh air. In case of complaints consult doctor.

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

**Skin contact:** No data available.

**Eye contact:** No symptoms.

**Ingestion:** No data available.

**Inhalation:** Acute toxicity, by inhalation: ATE> 20 mg / l / 4h: calculated value Dangerous fumes.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Water spray. Alcohol resistant foam. Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Toxic gases.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Collect extinguishing water to prevent it from draining into the sewer system.

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# SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 3

## Section 6: Accidental release measures

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

**Personal precautions:** Ensure adequate ventilation. Spills on hard surface can present a serious slipping / falling hazard. Avoid contact with eyes. Avoid contact with skin.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. When leakage occurs, dam quantities. Stop leak if this is possible without hazard.

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

**Clean-up procedures:** Absorb into dry earth or sand. Or: Take in mechanical. Remains flush with plenty of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Eating, drinking, smoking and storing food is prohibited in workspace. Wash hands before breaks and at the end of workday.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep dry.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

#### Q 50-350 MS POLYMER ADHESIVE SEALANT

Type	Exposure	Value	Population	Effect
-	CAS 2768-02-7	-	-	-
DNEL	Dermal	0,69 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	4,9 mg/m3	Workers	Systemic

[cont...]

# SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 4

DNEL	Dermal	0,69 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	4,9 mg/kg	Workers	Systemic
PNEC	Fresh water	0,34 mg/l	-	-
PNEC	Marine water	0,034 mg/l	-	-
DNEL	Dermal	26,9 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	93,4 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Dermal	0,3 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	1,04 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	0,3 mg/kg bw/day	Consumers	Systemic
PNEC	Fresh water sediments	0,27 mg/kg	-	-
PNEC	Marine sediments	0,12 mg/kg	-	-
PNEC	Soil (agricultural)	0,046 mg/kg	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Wash hands before breaks and at end of work. Keep away from foodstuffs, beverages and feed. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

**Respiratory protection:** Respiratory protection is not necessary if good ventilation.

**Hand protection:** Chemical resistant protective gloves (EN 374). Rubber gloves. Butyl gloves. Nitrile gloves. Glove thickness:> 0.4mm. Breakthrough time:> 480 min. Protective hand cream recommended. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of a suitable gloves does not only depend on the material, but also upon the quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to use. The exact break trough time has to be found out by the glove manufacturer; observed.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Paste

**Colour:** According to product specification.

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** >7mm<sup>2</sup>/s (40°C).

**VOC g/l:** 26,4 g/l - 1,65%

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# SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 5

## 9.2. Other information

**Other information:** Density: 1,4 - 1,6 g/cm<sup>3</sup>. Solvent content: 0%.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No data available.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Moisture. Product can hydrolyze.

### 10.5. Incompatible materials

**Materials to avoid:** Strong Alkalis. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** On contact with moist air: methanol.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** No data available.

**Eye contact:** No symptoms.

**Ingestion:** No data available.

**Inhalation:** Acute toxicity, by inhalation: ATE> 20 mg / l / 4h: calculated value Dangerous fumes.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
CAS 2768-02-7	-	-	-
ZEBRAFISH (Brachydanio rerio)	96H LC50	>=100	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	191	mg/l

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# SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 6

Daphnia magna	48H EC50	168,7	mg/l
Scenedesmus Subspicatus	72H EC50	>957	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H IC50	>100	mg/l
Scenedesmus Subspicatus	72H NOEC/NO EL	>957	mg/l

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 08 04 09

**Disposal of packaging:** Follow the instructions of local authorities. 15 01 02 Plastic Packaging. Empty container completely. Uncontaminated packaging can be recycled.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No. 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

[cont...]

## SAFETY DATA SHEET

Q 50-350 MS POLYMER ADHESIVE SEALANT

Page: 7

**Phrases used in s.2 and s.3:** EUH210: Safety data sheet available on request.

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.