



SAFETY DATA SHEET

Q 40-590 PLASTIC PRIMER

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Revision date: 13-1-2017

Revision No: 54

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

1.1. Product identifier

Product name: Q 40-590 PLASTIC PRIMER

Product code: Q 40-590

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

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 (Giftinformationszentrum-Nord)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Aerosol 1: H222; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS09: Environmental

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Signal words: Danger

Precautionary statements: P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

P102: Keep out of reach of children.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251: Do not pierce or burn, even after use.

P211: Do not spray on an open flame or other ignition source.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (<0,1% BENZOL CAS NR. 71-43-2) - REACH registered number(s): 01-2119475514-35-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|---|---------|
| 265-151-9 | 64742-49-0 | - | Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411 | 50-70% |

DIMETHYL ETHER

| | | | | |
|-----------|----------|--|-------------------------------------|--------|
| 204-065-8 | 115-10-6 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 30-50% |
|-----------|----------|--|-------------------------------------|--------|

XYLENE

| | | | | |
|-----------|-----------|---|---|-------|
| 215-535-7 | 1330-20-7 | - | Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315 | 1-10% |
|-----------|-----------|---|---|-------|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: * Wash immediately with plenty of soap and water.

Eye contact: * Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

Ingestion: * Have the subject drink as much water as possible. Consult a doctor.

Inhalation: * If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: * No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: * No data available.

5.3. Advice for fire-fighters

Advice for fire-fighters: * Not applicable.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions: * Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: * Do not get water or sewage. When reaches water or sewage system, the competent authorities must be informed.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. See section 7 for information on safe handling

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: * Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Keep away from sources of ignition. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. Government regulations regarding the storage of pressurized containers must be observed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIMETHYL ETHER

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|-----------------------|------------|--------------|
| UK | 766 mg/m ³ | 958 mg/m ³ | - | - |

XYLENE

| | | | | |
|----|-----------------------|-----------------------|---|---|
| UK | 220 mg/m ³ | 441 mg/m ³ | - | - |
|----|-----------------------|-----------------------|---|---|

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke while working. Remove contaminated clothing immediately. Wash hands before breaks and at end of work. Do not inhale gases / fumes / aerosols.

Respiratory protection: Respiratory protection not required.

Hand protection: Impermeable gloves. The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to missing tests no recommendation to the glove material for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The exact break through time has to be found out by the glove manufacturer; observed.

Eye protection: Avoid contact with eyes.

Skin protection: Avoid contact with skin. Protective clothing.

Section 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Colourless

Odour: Characteristic odour

Solubility in water: Not / slightly miscible.

Flammability limits %: lower: 0,6

upper: 26,2

Flash point°C: <0

Vapour pressure: 4000 hPa (3000 Hg)

VOC g/l: 701,1

9.2. Other information

Other information: Ignition temperature: 200°C. Density: 0,707 g/cm³ (20°C).

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

XYLENE

| | | | | |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 2119 | mg/kg |
| ORL | RAT | LD50 | 4300 | mg/kg |
| SCU | RAT | LD50 | 1700 | mg/kg |

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Relevant hazards for product:

| Hazard | Route | Basis |
|---------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| STOT-single exposure | - | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

* Ecotoxicity values:

| Species | Test | Value | Units |
|----------------|----------|-------|-------|
| CAS 64742-49-0 | - | - | - |
| DAPHNIA | 48H EC50 | 3 | mg/l |
| FISH | 96H LC50 | 11,4 | mg/l |
| CAS 115-10-6 | - | - | - |
| Daphnia magna | 48H EC50 | >4000 | mg/l |
| CAS 1330-20-7 | - | - | - |
| Daphnia magna | 48H EC50 | 7,4 | mg/l |
| FISH | 96H LC50 | 13.5 | 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

Other adverse effects: * Toxic to aquatic organisms. Water hazard class (NL) 7: Toxic to aquatic organisms in the water. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Toxic to fish.

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: * Must not be disposed together with household garbage or into the sewage system.

Waste code number: 20 01 13/15 01 04

Disposal of packaging: * 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

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: Warning: Gases. EMS number:F-D,S-U.

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Directive 2012/18/EU

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.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

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

Phrases used in s.2 and s.3: H220: Extremely flammable gas.

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H222: Extremely flammable aerosol.

H224: Extremely flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

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.

