



SAFETY DATA SHEET
according to Regulation (EC) No. 1907

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

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

1.1 Product identifier

Trade name Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

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

Use of the Substance/Mixture : Solvent-borne coatings

Recommended restrictions on use : For use in industrial installations or professional treatment only.

1.3 Details of the supplier of the safety data sheet

Company Q-Company Int. GmbH
Beckershof 3
24558 Henstedt-Ulzburg

E-mail address of person responsible for the SDS :msds@qrefinish.com

1.4 Emergency telephone number

+49 (0)551-19240 (Giftinformationszentrum-Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2 H319: Causes serious eye irritation.

Specific target organ toxicity - repeated exposure, Category 2 H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

Chronic aquatic toxicity, Category 3 H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Paint

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
n-butyl acetate	123-86-4 204-658-1 01- 2119485493-29	R10 R66 R67	Flam. Liq. 3; H226 STOT SE 3; H336	>= 1 - < 10
xylene (mixture of iso- mers)	1330-20-7 215-535-7 01- 2119488216-32	R10 Xn; R20/21 Xi; R38	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 STOT RE 2; H373 Asp. Tox. 1; H304	>= 5 - < 10
Solvent naphtha (petro- leum), light arom.	64742-95-6 265-199-0 01- 2119455851-35	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411	>= 1 - < 2.5
ethylbenzene	100-41-4 202-849-4 01- 2119489370-35	F; R11 Xn; R20	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 Asp. Tox. 1; H304	>= 1 - < 10
dibutyltin dilaurate	77-58-7 201-039-8 01- 2119496068-27	Mut.Cat.3; R68 Repr.Cat.2; R60 Repr.Cat.2; R61 T; R48/25 C; R34 R43 N; R50/53	Muta. 2; H341 Repr. 1B; H360FD STOT SE 1; H370 STOT RE 1; H372 Skin Corr. 1C; H314 Aquatic Acute 1; H400 Aquatic Chronic 1;	>= 0.1 - < 0.25

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

			H410 Skin Sens. 1; H317	
Substances with a workplace exposure limit :				
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 01- 2119475791-29	R10	Flam. Liq.3; H226	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Inhalation may provoke the following symptoms:
Headache
Vertigo
Fatigue
Skin contact may provoke the following symptoms:
Redness
Ingestion may provoke the following symptoms:
Abdominal pain
Vomiting
Diarrhoea

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Dry chemical

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

6.4 Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8.
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work-day.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place.
- Other data : No decomposition if stored and applied as directed.
- Storage period : 12 Months

7.3 Specific end use(s)

- Specific use(s) : For the use of this product do not exist particular recommendations apart from that already indicated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

- n-butyl acetate : End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 480 mg/m³
- xylene : End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 77 mg/m³
- Low boiling point naphtha - unspecified : End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

ethylbenzene	: Value: 608 mg/m3 : End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects
dibutyltin dilaurate	: Value: 77 mg/m3 : End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term local effects
2-methoxy-1-methylethyl acetate	: Value: 0.01 mg/m3 : End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 275 mg/m3

8.2 Exposure controls

Personal protective equipment

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Hand protection

Remarks : Solvent-resistant gloves The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid, viscous
Colour	: grey
Odour	: characteristic
pH	: Not applicable
Melting point/range	: Not applicable
Boiling point/boiling range	: 126.3 °C (7.6 hPa)
Flash point	: 27 °C Method: ISO 1523, closed cup Setaflash

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

Upper explosion limit	: 7.7 %(V) (25 °C)
Lower explosion limit	: 1.2 %(V) (25 °C)
Vapour pressure	: 6.8 hPa (20 °C) 45 hPa (50 °C)
Density	: 1.60 g/cm ³ (20 °C) Method: ISO 2811-1
Solubility(ies) Water solubility	: immiscible
Auto-ignition temperature	: 390 °C
Viscosity Viscosity, dynamic	: 50,000 mPa.s (20 °C) Method: ISO 2555
Viscosity, kinematic	: > 20.5 mm ² /s (40 °C)

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if used as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

Materials to avoid : Oxidizing agents
Strong acids and strong bases

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute inhalation toxicity : Acute toxicity estimate : > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 2,000 mg/kg
Method: Calculation method

Components:

n-butyl acetate:

Acute oral toxicity : LD50 Oral (Rat): 10,768 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 23.4 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 17,600 mg/kg
Method: OECD Test Guideline 402

xylene (mixture of isomers):

Acute oral toxicity : LD50 Oral (Rat): 4,300 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 22.08 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity : Acute toxicity estimate : 1,100 mg/kg
Method: Converted acute toxicity point estimate

Solvent naphtha (petroleum), light arom.:

Acute oral toxicity : LD50 Oral (Rat): 3,592 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 20 mg/l

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): 3,160 mg/kg
Method: OECD Test Guideline 402

ethylbenzene:

Acute oral toxicity : LD50 Oral (Rat): 3,500 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 17.4 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 15,400 mg/kg
Method: OECD Test Guideline 402

2-methoxy-1-methylethyl acetate:

Acute oral toxicity : LD50 Oral (Rat): 8,532 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 35.7 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rat): 5,000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Product:

Result: Skin irritation

Serious eye damage/eye irritation

Product:

Remarks: Severe eye irritation

Respiratory or skin sensitisation

Product:

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

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment : Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

Carcinogenicity - Assessment : Based on available data, the classification criteria are not met.

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

STOT - single exposure

Product:

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

STOT - repeated exposure

Product:

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Components:

n-butyl acetate:

Toxicity to fish : LC50 (Fish): 18 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 32 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 675 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

xylene (mixture of isomers):

Toxicity to fish : LC50 (Fish): 14 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 16 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Solvent naphtha (petroleum), light arom.:

Toxicity to fish : LC50 (Fish): 9.2 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 3.2 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 2.9 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

ethylbenzene:

Toxicity to fish : LC50 (Fish): 12 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 1.8 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 33 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

2-methoxy-1-methylethyl acetate:

Toxicity to fish : LC50 (Fish): 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 408 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 1,000 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

12.2 Persistence and degradability

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-200 2K HS HIGH-BUILD SANDING FILLER 4:1 -GREY-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

ADR : UN 1263

IMDG : UN 1263

IATA : UN 1263

14.2 UN proper shipping name

ADR : PAINT

IMDG : PAINT

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

IATA : Paint

14.3 Transport hazard class(es)

ADR : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADR **Not subject to ADR. Transport in accordance with the exemption of 2.2.3.1.5.**

Packing group : III

Classification Code : F1

Hazard Identification Number : 30

Labels : 3

IMDG **Transport in accordance with the exemption of 2.3.2.5.**

Packing group : III

Labels : 3

EmS Code : F-E, S-E

IATA

Packing instruction (cargo aircraft) : 366

Packing instruction (LQ) : Y344

Packing group : III

Labels : Flammable Liquids

14.5 Environmental hazards

ADR

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Volatile organic compounds : 435 g/l

Directive 2004/42/EC : (540 g/l)

15.2 Chemical Safety Assessment

Not applicable

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

SECTION 16: Other information

Full text of R-Phrases

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
Muta.	Germ cell mutagenicity
R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R34	Causes burns.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R60	May impair fertility.
R61	May cause harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Q 40-210 2K HS HIGH-BUILD SANDING FILLER 4:1 -BLACK-

Version 1.0

MSDS Number: H51641

Revision Date: 26.01.2017

Further information

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.