

SAFETY DATA SHEET

Synthetic QAD Gloss Binder

Date: 23-06-2017

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SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product Identifier

Product name: Synthetic QAD Gloss Binder
Product Code: FL2030/6

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

Intended use: For Paint for metal.
Uses advised against: Not suitable for use in homeworquer (DIY) applications

1.3 Details of supplier of the safety data sheet

Details of company: FLP Group
Unit 1 Clayfields Industrial Estate
Tickhill Road
Doncaster
DN4 8QG
+44 (0) 1302 571571
sales@flpgroup.co.uk

1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; Skin Irrit. 2: H315

2.2 Label elements

Hazard statements: H226 Flammable liquid and vapours
H315 Causes skin irritation
Signal words: Warning
Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



Precautionary statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Specific treatment (see on this label).
Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains:

Methyl methacrylate, 2-butanone oxime. May produce an allergic reaction

2.3 Other hazards

Other hazards:

PBT: This substance is not identified as a PBT substance.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

| EC | CAS | CLP Classification | Percent |
|---------------------------------|-----------|--|---------|
| Xylene (mix) | | | |
| 215-535-7 | 1330-20-7 | Flam. Liq. 3: H226; Acute Tox. 4: H312; Acute Tox. 4: H332; Skin Irrit. 2: H315 | 25-50% |
| 2-methoxy-1-methylethyl acetate | | | |
| 203-603-9 | 108-65-6 | Flam. Liq. 3, H226 | ≤2.5% |
| 2-butanone oxime | | | |
| 202-496-6 | 96-29-7 | Carc. 2, H351; Eye Dam. 1, H318; Acute Tox. 4, H312; Skin Sens. 1, H317 | ≤2.5% |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Not suitable: Do not use water jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available

5.3 Advice for fire-fighters

Advice for fire-fighters:

Mount respiratory protective device

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

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6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information

SECTION 7: HANDLING & STORAGE

7.1 Precautions for safe handling

Keep receptacles tightly sealed. Ensure good ventilation/extraction at the workplace. Prevent formation of aerosols.

Information about fire protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep receptacle tightly sealed.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

| Ingredients with limit values that require monitoring at the workplace: | |
|---|--|
| 1330-20-7 Xylene (mix) | |
| WEL | Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV |
| 108-65-6 2-methoxy-1-methylethyl acetate | |
| WEL | Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk |
| Ingredients with biological limit values | |
| 1330-20-7 Xylene (mix) | |
| BMGV | 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid |

8.2 Exposure controls

General protective measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin

Respiratory protection: When spraying the product, use a respiratory protective device.

Protection of hands: When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove

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| | |
|-------------------------------------|---|
| Material of gloves: | material on consideration of the penetration times, rates of diffusion and the degradation The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. |
| Penetration time of glove material: | The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| Eye protection: | Tightly sealed goggles |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:

| | |
|--|---|
| Form: | Liquid |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| pH-value: | Not determined. |
| Change in condition | |
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 137 °C |
| Flash point: | 25 °C |
| Flammability (solid, gaseous): | Not applicable. |
| Ignition temperature: | 500 °C |
| Decomposition temperature: | Not determined. |
| Self-igniting: | Product is not self-igniting. |
| Danger of explosion: | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| Explosion limits: | |
| Lower: | 1.1 Vol % |
| Upper: | 7.0 Vol % |
| Vapour pressure at 20 °C: | 6.7 hPa |
| Density at 20 °C: | 1,018 g/cm ³ |
| Relative density: | Not determined. |
| Vapour density: | Not determined. |
| Evaporation rate: | Not determined. |
| Solubility in / Miscibility with water: | NOT MISCIBLE |
| Partition coefficient (n-octanol/water): | Not determined. |
| Viscosity: | |
| Dynamic at 20 °C: | 200 mPas |
| Kinematic: | Not determined. |
| Solvent content: | |
| Organic solvents: | 51.4 % |
| Solids content: | 48.3 % |

9.2 Other information

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available

10.2 Chemical stability

No decomposition if used according to specifications.

10.3 Possibilities of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

No dangerous decomposition products known

SECTION 11: TOXICAL INFORMATION

11.1 Information on toxicological effects

| | | |
|--|----------|------------------|
| LD/LC50 values relevant for classification | | |
| 1330-20-7 Xylene (mix) | | |
| Oral | LD50 | 8700 mg/kg (rat) |
| Dermal | LD50 | 2000 mg/kg (rbt) |
| Inhalative | LC50/4 h | 6350 mg/l (rat) |

Primary irritant effect:

Skin corrosion/irritation: Irritant to skin and mucous membranes.

Serious eye damage/irritation: No irritating effect.

Respiratory or skin sensitisation: No sensitising effects known.

Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful, Irritant

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No further relevant information available

12.2 Persistence and degradability

No further relevant information available

12.3 Bio accumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging
Recommendation:

Disposal must be made according to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1 UN number

UN Number: 1263

14.2 UN proper shipping name

Shipping name: PAINT or PAINT RELATED MATERIAL

14.3 Transport hazard class

Transport class: 3 Flammable Liquids

14.4 Packaging group

Packing group: III

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler): 30

EMS Number: F-E, S-E

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

MARPOL73/78 and the IBC Code: Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ): 5L

Excepted quantities (EQ) Code: E1

Maximum quantity per pack:

Inner: 30 ml

Outer: 1000 ml

Transport category: 3

Tunnel restriction code: D/E

IMDG

Limited quantities (LQ): 5L

Excepted quantities (EQ) Code: E1

Maximum quantity per pack:

Inner: 30 ml

Outer: 1000 ml

UN "Model Regulation":

UN1263, PAINT (not viscous), 3, III

SECTION 15: REGULATORY INFORMATION

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

National regulations:

Technical instructions (air):

| Class | Share in % |
|-------|------------|
| I | 0.2 |
| NK | 51.3 |

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Water hazard class:
water

Water hazard class 2 (Self-assessment): hazardous for water

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out

SECTION 16: OTHER INFORMATION

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Phrases used in section 3:

H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.

Legal disclaimer:

The above information is believed to be correct but does not support 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.