

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG

Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 1 von 11

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

1.1 Product identifier

GMM P61

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

Use of the substance/mixture: Sealing and corrosion protection

Uses advised against: Any non-intended use.

1.3 Details of the supplier of the safety data sheet

Company name: GMM GmbH
Street: Bgm.-Hergenhan-Str. 18
Place: DE-22946 Trittau
Telephone: +49 (0) 4154 70756 0
e-mail: info@gmm-yacht.de
Contact person: Thomas Dührkop
Website: www.gmm-yacht.de,

1.4 Emergency telephone number:

Poison emergency number Berlin: +49(0)30.19240

2 Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Specific target organ toxicity - repeated exposure: STOT RE 2

Hazard Statements: May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Quartz

Signal word: Warning

Pictograms:



Hazard statements

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container to local/regional/national/international regulations.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 2 von 11

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

3 Composition/information on ingredients

3.1 Mixtures

Hazardous components

CAS No.:	Chemical name:			Quantity:
	EC-No.	Index No.	REACH No.	
	GHS Classification			
14808-60-7	Quarz			10 - < 15%
	238-878-4			
	STOT RE 2; H373			

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

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

4 First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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

No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version: 1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 3 von 11

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Dry extinguishing powder. alcohol resistant foam. Water fog.

Unsuitable extinguishing media

High power water jet.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

Do not breathe dust.

Wear personal protection equipment (refer to section 8).

6.2 Environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up Take up mechanically.

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4 Reference to other sections Safe handling:

see section 7

Disposal: see section 13

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 4 von 11

7 Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Usual measures for fire prevention. Dust clouds may present an explosion hazard.

Further information on handling

Avoid generation of dust.

General protection and hygiene measures: refer to chapter 8

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20°C

Protect against: Light. UV-radiation/sunlight. heat. Humidity

7.3 Specific end use(s)

See section 1.

8 Exposure controls/personal protection

8.1 Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
65997-15-1	Portland cement, inhalable dust	-	10		TWA (8 h)	WEL

8.2 Exposure controls



Appropriate engineering controls

Dust should be exhausted directly at the point of origin.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 5 von 11

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff.
Wash hands before breaks and after work.

Eye/face protection

Dust protection goggles.

Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

Respiratory protection necessary at:

-exceeding exposure limit values

-Generation/formation of dust

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3; half-mask with filter (DIN EN 149).

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is

exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according

GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls

No special precautionary measures are necessary.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version: 1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 6 von 11

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Powder, solid
Colour:	grey
Odour:	characteristic
pH-Value:	>12
Changes in the physical state	
Melting point:	not determined
Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	not determined
Sustaining combustion:	Not sustaining combustion
Explosive properties:	none
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined
Auto-ignition temperature	
Solid:	not determined
Decomposition temperature:	not determined
Oxidizing properties:	none
Vapour pressure:	not determined
Density:	3 g/cm ³
Bulk density:	1200 kg/m ³
Water solubility:	not determined
Solubility in other solvents	not determined
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Flow time:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined

9.2 Other information

Solid content:	not determined
----------------	----------------

10 Stability and reactivity

10.1 Reactivity

Upon contact between product and water, a chemical reaction and hardening into stable hydrates results. (exothermic reaction)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version: 1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 7 von 11

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

Refer to chapter 10.5.

10.4 Conditions to avoid

Protect against: UV-radiation/sunlight. heat. Humidity. dust

10.5 Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6 Hazardous decomposition products

Non-combustible solids. No known hazardous decomposition products.

11 Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available.

Acute toxicity

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

The product has not been tested.

Irritation and corrosivity

Based on available data, the classification criteria are not met. The product has not been tested.

Sensitising effects

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

The product has not been tested.

Carcinogenic/mutagenic/toxic effects for reproduction

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

No data available.

STOT-single exposure

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

No data available.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. (Quartz)

Dust may contain fine fraction crystalline silica. Prolonged and/or massive inhalation of fine fraction crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of lung fibrosis are cough and breathlessness.

Aspiration hazard

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

No data available.

Specific effects in experiment on an animal

No data available.

12 Ecological information

12.1 Toxicity

The product has not been tested.

12.2 Persistence and degradability

The product has not been tested.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 8 von 11

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

13 Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

101311	WASTES FROM THERMAL PROCESSES; wastes from manufacture of cement, lime and plaster and articles and products made from them; wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
--------	---

Waste disposal number of used product

101311	WASTES FROM THERMAL PROCESSES; wastes from manufacture of cement, lime and plaster and articles and products made from them; wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
--------	---

Waste disposal number of contaminated packaging

150110	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste
--------	---

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version: 1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 9 von 11

14 Transport information

14.1 Land transport (ADR/RID)

UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

14.2 Inland waterways transport (ADN)

UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

14.3 Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

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

UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6 Special precautions for user

Refer to section 6-8

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

15 Regulatory information

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

EU regulatory information

2010/75/EU (VOC): No information available.
2004/42/EC (VOC): No information available.
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version: 1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 10 von 11

Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII, No (mixture): -

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

15.2 Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

16 Other information

Changes

Rev. 1.0; Initial release: 16.07.2019

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen CAS Chemical Abstracts Service
DNEL: Derived No Effect Level
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect level
NTP: National Toxicology Program
N/A: not applicable
OSHA: Occupational Safety and Health Administration
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
SARA: Superfund Amendments and Reauthorization Act
SVHC: substance of very high concern
TRGS Technische Regeln fuer Gefahrstoffe
TSCA: Toxic Substances Control Act

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Version:1.1.2019-ENG Produkt: GMM P61 (Comp. 1 for GMM CP61F)

Page 11 von 11

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe

WGK: Wassergefaehrungsklasse

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
STOT RE 2; H373	Calculation method

Relevant H and EUH statements (number and full text)

H373 May cause damage to organs through prolonged or repeated exposure.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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