



Premium Black Gasket (Pressure Pack)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 2-11-2011 Revision date: 3-3-2022 Supersedes: 24-12-2020 version: 4.0

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

1.1. Product identifier

Product form : Mixture
Product name : Premium Black Gasket (Pressure Pack)
Product code : PP200B
Type of product : Aerosol.
Product group : Mixture

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Professional use, Consumer use, Industrial use
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MPM International Oil Company
Cyclotronweg 1
2629 HN Delft Delft - Nederland
T +31 (0)15 2514030
support@mpmoil.nl - www.mpmoil.com

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 3 H229
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412
Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

The product is tested according to 92/69 / EEC and is not classified as irritating to skin and eyes.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

CLP Signal word : Warning
Hazard statements (CLP) : H229 - Pressurised container: May burst if heated.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
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.
P273 - Avoid release to the environment.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C, 122°F.
P501 - Dispose of Contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Child-resistant fastening : Not applicable

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Tactile warning : Not applicable

2.3. Other hazards

Other hazards not contributing to the classification : Small amounts of Acetic Acid (CAS 64-19-7) are formed by hydrolysis and released during curing.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Triacetoxyp(ropyl)silane	(CAS-No.) 17865-07-5 (EC-No.) 241-816-9 (REACH-no) 01-2119966899-07	≥ 1 – ≤ 3	Skin Corr. 1B, H314
Silanetriol, methyl-, triacetate	(CAS-No.) 4253-34-3 (EC-No.) 224-221-9 (REACH-no) 01-2119962266-32	≥ 1 – ≤ 2,5	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314
Octamethylcyclotetrasiloxane substance listed as REACH Candidate (Octamethylcyclotetrasiloxane (D4))	(CAS-No.) 556-67-2 (EC-No.) 209-136-7 (EC Index-No.) 014-018-00-1	≥ 0,01 – ≤ 0,1	Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General : If medical advice is needed, have product container or label at hand. If possible show this sheet, if not available show packaging or label.

After inhalation : Allow affected person to breathe fresh air.

After skin contact : Wash skin with plenty of water. If irritation persists, consult a specialist.

After eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Get medical advice/attention.

After ingestion : Do NOT induce vomiting. Get medical advice/attention. If swallowed, rinse mouth with water (only if the person is conscious).

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

Symptoms/effects : No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, powder, foam and CO₂.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Contains gas under pressure; may explode if heated.

Reactivity in case of fire : Incomplete combustion may form carbon monoxide.

Hazardous decomposition products in case of fire : Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves. Wear respiratory protection.

Emergency procedures : Do not breathe gas. No flames, no sparks. Eliminate all sources of ignition. Ventilate well.

6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Collect leaking and spilled liquid in sealable containers as far as possible. Shovel or sweep up and put in a closed container for disposal.
Other information	: If spilled, may cause the floor to be slippery. Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8. Information on disposal - see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep cool. Protect from sunlight.
Storage area	: Observe official regulations on storing packagings with pressurized containers.

7.3. Specific end use(s)

Please refer to the product description for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Iron oxide (1309-37-1)

Germany	Notes	
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³

8.2. Exposure controls

Technical measures:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Safety glasses.

Hand protection:

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0,7		EN ISO 374

Eye protection:

EN 166. Wear closed safety glasses

Skin and body protection:

Wear suitable protective clothing, gloves and eye/face protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear a respirator conforming to EN140 with Type A/P2 filter or better

Personal protective equipment symbol(s):



Environmental exposure controls:

Information on safe handling - see Section 7.

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Other information:

The usual precautions for handling chemicals should be observed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Colour	: Black.
Odour	: Acetic acid.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C CC (closed cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1030 kg/m ³
Solubility	: Poorly soluble in water. Practically not miscible.
Log Pow	: No data available
Viscosity, kinematic	: > 21 mm ² /s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is not explosive.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No naked flames, sparks, and do not smoke. High temperature.

10.5. Incompatible materials

Incompatible with : Oxidizing agent.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: May be fatal if vapour inhaled.

Silanetriol, methyl-, triacetate (4253-34-3)

LD50 oral rat	1600 mg/kg OECD 401
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Octamethylcyclotetrasiloxane (556-67-2)

LD50 oral rat	> 48000 mg/kg OECD 401
LD50 dermal rat	> 2400 mg/kg OECD 402

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LC50 Inhalation - Rat	≈ 36 g/m ³ @4h
Skin corrosion/irritation	: Not classified (The assessment of the test result has been carried out in accordance with the Commission Directive 92/69/EEC.)
Serious eye damage/irritation	: Not classified (Assessed analogously to a tested similar product: no eye irritation (H319 is superfluous). The assessment of the test result has been carried out in accordance with the Commission Directive 92/69/EEC.)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified

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Viscosity, kinematic	> 21 mm ² /s
Other information	: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information

12.1. Toxicity

General	: Do not allow into drains or water courses.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

Triacetoxyl(propyl)silane (17865-07-5)

LC50 fish 1	≈ 108,89 mg/l
EC50 Daphnia 1	≈ 89,59 mg/l
EC50 72h - Algae [1]	≈ 24 mg/l Pseudokirchneriella Spicata

Silanetriol, methyl-, triacetate (4253-34-3)

LC50 fish 1	> 500 mg/l Brachydanio Rerio
EC50 Daphnia 1	> 500 mg/l Daphnia magna
EC50 72h - Algae [1]	> 500 mg/l Pseudokirchneriella subcapitata

Octamethylcyclotetrasiloxane (556-67-2)

LC50 fish 1	> 1000 mg/l Lepomis macrochirus
LC50 fish 2	> 500 mg/l Brachydanio rerio
EC50 Daphnia 1	≈ 25,2 mg/l @24h Daphnia magna

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component

Octamethylcyclotetrasiloxane (556-67-2)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII
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12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Comply with local regulations for disposal.
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European List of Waste (LoW) code	: 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 04 00 - wastes from MFSU of adhesives and sealants (including waterproofing products) 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09 16 00 00 - WASTES NOT OTHERWISE SPECIFIED IN THE LIST 16 05 00 - gases in pressure containers and discarded chemicals 16 05 04* - gases in pressure containers (including halons) containing dangerous substances 15 00 00 - WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED 15 01 00 - packaging (including separately collected municipal packaging waste) 15 01 04 - metallic packaging
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SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
14.1. UN number	
UN 1950	UN 1950
14.2. UN proper shipping name	
AEROSOLS	AEROSOLS
Transport document description	
UN 1950 AEROSOLS, 2.2, (E)	UN 1950 AEROSOLS, 2.2
14.3. Transport hazard class(es)	
2.2	2.2
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: 5A
Limited quantities (ADR)	: 1I
Transport category (ADR)	: 3
Tunnel restriction code (ADR)	: E

Transport by sea

Limited quantities (IMDG)	: SP277
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list: Octamethylcyclotetrasiloxane (D4) (EC 209-136-7, CAS 556-67-2)

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
	PBT Comment	Added	
	vPvB comment	Added	
	Revision date	Modified	
	Supersedes	Modified	
	Serious eye damage/irritation	Added	
	Skin corrosion/irritation	Added	
	Acute toxicity (inhalation) - comment	Added	
	Type of product	Modified	
1.1	Product group	Added	
1.2	Intended for general public	Added	
1.2	Function or use category	Added	
1.2	Main use category	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Hazard statements (CLP)	Modified	
2.2	Precautionary statements (CLP)	Modified	
2.2	EUH-statements	Added	
2.2	Hazard pictograms (CLP)	Added	
2.2	CLP Signal word	Modified	
2.3	Other hazards not contributing to the classification	Added	
3	Composition/information on ingredients	Modified	
4.1	General	Added	
4.1	After skin contact	Modified	
4.1	After inhalation	Modified	
4.1	After ingestion	Modified	
4.1	After eye contact	Modified	
4.2	Symptoms/effects	Added	
4.3	Treatment	Added	
5.1	Unsuitable extinguishing media	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.2	Explosion hazard	Added	
5.2	Reactivity in case of fire	Modified	
6.1	Protective equipment	Added	
6.1	Protective equipment	Added	

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6.1	Emergency procedures	Added	
6.2	Environmental precautions	Modified	
6.3	For containment	Added	
6.3	Other information	Added	
6.3	Methods for cleaning up	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Additional hazards when processed	Added	
7.1	Hygiene measures	Added	
7.1	Precautions for safe handling	Modified	
7.2	Storage conditions	Modified	
7.3	Specific end uses	Added	
8.2	Environmental exposure controls	Added	
8.2	Personal protective equipment	Added	
8.2	Skin and body protection	Added	
8.2	Respiratory protection	Modified	
8.2	Hand protection	Modified	
8.2	Eye protection	Modified	
9.1	Flash point	Modified	
9.1	Solubility	Added	
9.1	Viscosity, kinematic	Added	
9.1	Odour	Modified	
9.1	Density	Modified	
10.4	Conditions to avoid	Added	
10.5	Incompatible materials	Added	
10.6	Hazardous decomposition products	Modified	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 3	Aerosol, Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.

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H412	Harmful to aquatic life with long lasting effects.
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.