



# Black Gasket Maker (Aerosol)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 18/05/2022 Revision date: 18/05/2022 Version: 6.02

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Black Gasket Maker (Aerosol)  
Product code : W57680  
Vaporizer : Aerosol  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Instant gasket maker  
Function or use category : Aerosol propellants

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ITW ADDITIVES INTL B.V.  
Industriepark-West 46  
9100 Sint-Niklaas  
Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
[msds@wynns.eu](mailto:msds@wynns.eu) - [www.wynns.com](http://www.wynns.com)

#### 1.4. Emergency telephone number

Emergency number : BIG: +32(0)14 58 45 45 (NL FR EN DE)

### 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- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Signal word (CLP) : 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.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P251 - Pressurized container: 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/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## 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]
methysilanetriyl 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 EUH014
trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze)	CAS-No.: 29118-24-9 EC-No.: 471-480-0 REACH-no: 01-0000019758-54	1 – 2,5	Press. Gas (Liq.), H280
propyltriacetoxysilane	CAS-No.: 17865-07-5 EC-No.: 241-816-9 REACH-no: 01-2119966899-07	1 – 2,5	Skin Corr. 1B, H314

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Vapours may cause delayed painful eye irritation and tearing. Consult an eye specialist.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Give water to drink if victim completely conscious/alert. Immediately call a POISON CENTER/doctor.

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

No additional information available

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

No additional information available

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), extinguishing powder, Water spray jet, Alcohol resistant foam.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Nitrogen oxides, Carbon monoxide.  
Explosion hazard : Product is not explosive. Pressurised container: May burst if heated.  
Reactivity in case of fire : Upon combustion: CO and CO<sub>2</sub> are formed.

#### 5.3. Advice for firefighters

- Firefighting instructions : Fight fire from safe distance and protected location. Cool closed containers exposed to fire with water spray.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.  
Other information : In case of fire, corrosive and harmful gases come free.

### 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 gloves and eye/face protection, protective clothing.  
Emergency procedures : Mark the danger area. Keep upwind. Avoid contact with skin, eyes and clothing. In confined space use self-contained breathing apparatus. Take off contaminated clothing.

##### 6.1.2. For emergency responders

- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spillage. Shovel or sweep up and put in a closed container for disposal. Dispose in a safe manner in accordance with local/national regulations. Clean preferably with a detergent - Avoid the use of solvents.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use. When handling product, avoid contact with skin and eyes. Do not pierce or burn, even after use.  
Precautions for safe handling : Presents no particular risk when handled in accordance with good occupational hygiene practice. Provide good ventilation in process area to prevent formation of vapour. Meet the legal requirements.  
Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep out of frost.  
Storage conditions : Store in a dry place.  
Storage temperature : 5 – 25 °C

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Heat and ignition sources	: Keep away from heat.
Storage area	: Meet the legal requirements. Protect from heat and direct sunlight. Store in a well-ventilated place.
Special rules on packaging	: Meet the legal requirements. Labelling according to.
Packaging materials	: Aerosol.

### 7.3. Specific end use(s)

Adhesives, sealants. See product bulletin for detailed information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

<b>trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze) (29118-24-9)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, inhalation	3902 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, inhalation	830 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,1 mg/l
<b>methylsilanetriyl triacetate (4253-34-3)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - local effects, inhalation	31 mg/m <sup>3</sup>
Long-term - local effects, inhalation	31 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - local effects, inhalation	5,1 mg/m <sup>3</sup>
Long-term - local effects, inhalation	5,1 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (marine water)	0,1 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3,4 mg/kg dwt
PNEC sediment (marine water)	0,34 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0,145 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	6,9 mg/l

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propyltriacetoxysilane (17865-07-5)	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	12,11 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	85,39 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	6,05 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	21,06 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	6,05 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,024 mg/l
PNEC aqua (marine water)	0,002 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0,015 mg/kg dwt
PNEC sediment (marine water)	0,001 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0,003 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10,55 mg/l

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

No additional information available

#### 8.2.2.2. Skin protection

#### Hand protection:

Polyvinylchloride (PVC). Nitrile rubber. Neoprene. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection.

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol. Paste.
Colour	: Black.
Odour	: aromatic.
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	: No data available
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	: 1,22 g/cm <sup>3</sup> @20°C
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content	: 0 %
Additional information	: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Pressurized container. On heating there is a risk of bursting due to internal pressure build-up.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze) (29118-24-9)

LC50 Inhalation - Rat [ppm]	> 207000 ppm/4h Sprague-Dawley
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#### methylsilanetriyl triacetate (4253-34-3)

LD50 oral rat	1550 – 1660 mg/kg bodyweight Sprague-Dawley
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Skin corrosion/irritation	: Not classified (No irritant effect. rabbit)
Additional information	: On basis of test data
Serious eye damage/irritation	: Not classified (No irritant effect. rabbit)
Additional information	: On basis of test data
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### Black Gasket Maker (Aerosol)

Vaporizer	Aerosol
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## SECTION 12: Ecological information

### 12.1. Toxicity

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.

#### trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze) (29118-24-9)

LC50 - Fish [1]	> 117 mg/l @96h Cyprinus carpio
EC50 - Crustacea [1]	> 160 mg/l @48h Daphnia magna
EC50 - Other aquatic organisms [1]	> 170 mg/l @72h Pseudokirchneriella subcapitata

#### methylsilanetriyl triacetate (4253-34-3)

LC50 - Fish [1]	> 500 mg/l @96h Brachydanio rerio
EC50 - Crustacea [1]	> 500 mg/l @48h Daphnia magna
EC50 - Other aquatic organisms [1]	> 500 mg/l @72h Pseudokirchneriella subcapitata
NOEC (acute)	72h 500 mg/l Pseudokirchneriella subcapitata

#### propyltriacetoxysilane (17865-07-5)

LC50 - Fish [1]	96h 10000 mg/l Pimephales promelas
EC50 - Crustacea [1]	48h 65 mg/l Daphnia magna

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### propyltriacetoxysilane (17865-07-5)

EC50 - Other aquatic organisms [1]	72h 24,41 mg/l growth rate - Pseudokirchneriella subcapitata
LOEC (acute)	72h 32 mg/l Pseudokirchneriella subcapitata
NOEC (acute)	72h 18 mg/l Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

#### Black Gasket Maker (Aerosol)

Persistence and degradability	Biodegradable.
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### 12.3. Bioaccumulative potential

#### Black Gasket Maker (Aerosol)

Bioaccumulative potential	Bioaccumulation unlikely.
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### trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze) (29118-24-9)

Partition coefficient n-octanol/water (Log Pow)	1,6
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### methylsilanetriyl triacetate (4253-34-3)

Bioaccumulative potential	Slightly bioaccumulative.
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### 12.4. Mobility in soil

#### Black Gasket Maker (Aerosol)

Ecology - soil	Adsorbs into the soil.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.
European List of Waste (LoW) code	: 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09 15 01 04 - metallic packaging 16 05 04* - gases in pressure containers (including halons) containing dangerous substances
HP Code	: HP8 - "Corrosive:" waste which on application can cause skin corrosion.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1950	UN 1950	UN 1950	Not applicable	UN 1950

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ADR	IMDG	IATA	ADN	RID
<b>14.2. UN proper shipping name</b>				
AEROSOLS	Not applicable	Not applicable	Not applicable	Not applicable
<b>Transport document description</b>				
UN 1950 AEROSOLS, 2.2, (E)	UN 1950 , 2 (2.1)	UN 1950 , 2	Not applicable	UN 1950 , 2.2
<b>14.3. Transport hazard class(es)</b>				
2.2	2 (2.1)	2	Not applicable	2.2
	Not applicable	Not applicable	Not applicable	
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Not applicable	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : 5A  
Special provisions (ADR) : 190, 327, 344, 625  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E0  
Transport category (ADR) : 3  
Tunnel restriction code (ADR) : E

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

Not applicable

#### Rail transport

No data available

### 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 no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

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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.

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

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 0 %

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

### 15.1.2. National regulations

#### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Switzerland

Storage class (LK) : LK 2 - Liquefied or pressurized gases

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). according to Regulation (EU) 2015/830.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
EUH014	Reacts violently with water.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H412	Harmful to aquatic life with long lasting effects.
Press. Gas (Liq.)	Gases under pressure : Liquefied gas
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C

Safety Data Sheet (SDS), EU

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.