

Safety data sheet

Safety data sheet according to Regulation (EC) No 1907/2006

Product name: **PROFILLER Black 4L**Product code : **AS57-9070 RM04**

Printing date : 13.05.2016

Revision date : 12.05.2016

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01 Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

PROFILLER Black 4L

AS57-9070 RM04

53363728

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

Car refinishing products

1.3. Details of the supplier of the safety data sheet

R-M Automotive Refinish Ltd

Unit 101 10th Avenue

Deeside Ind. Park, Flintshire CH5 2UA

Great Britain

E-mail address:

Product-Safety-Coatings@basf.com

1.4. Emergency telephone number

+49 180 2273 112

02 Section 2: Hazards Identification**2.1. Classification of the substance or mixture**According to Regulation (EC) No 1272/2008 [CLP]

- Flam. Liq. 3, H226 Flammable liquid and vapour.
- Aquatic Chronic 2, H411 Toxic to aquatic life with long lasting effects.

2.2. Label elementsAccording to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram:



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Signal word:

Warning

Hazard statements:

H226 Flammable liquid and vapour.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Precautionary Statements (Storage):

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Labeling of special preparations:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

03 Section 3: Composition/Information on Ingredients**3.1. Substances**

not applicable

3.2. Mixtures

Chemical nature

nitrocellulose, acrylic resin, organic solvent, fillers, pigment

Hazardous ingredients

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according to Regulation (EC) No 1272/2008**CAS No. EC No. Registration No. INDEX No.****% (weight)****Class, Category, Hazard Statement****n-butylacetate**

123-86-4 204-658-1 01-2119485493-29-XXXX 607-025-00-1

15,0 - < 20,0

Flam. Liq. 3, H226

STOT SE 3, H336

trizinc bis(orthophosphate)

7779-90-0 231-944-3 01-2119485044-40-XXXX 030-011-00-6

10,0 - < 12,5

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

xylene (mixture of isomeres)

1330-20-7 215-535-7 01-2119488216-32-XXXX 601-022-00-9

3,0 - < 5,0

Flam. Liq. 3, H226

Acute Tox. 4, H312

Acute Tox. 4, H332

Skin Corr./Irrit. 2, H315

Eye Dam./Irrit. 2, H319

STOT SE 3, H335

STOT RE 2, H373

Asp. Tox. 1, H304

Aquatic Chronic 3, H412

For the classifications not written out in full in this section the full text can be found in section 16.

04 Section 4: First Aid Measures**4.1. Description of first aid measures**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled

Remove patient to fresh air and seek medical assistance. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position.

On skin contact

Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do

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NOT use solvents or thinners.

On contact with eyes

Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.

On ingestion

If swallowed, rinse mouth with plenty of water (only if the person is conscious) and seek medical advice immediately. Keep the injured person at rest. Do not induce vomiting.

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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

No data available.

05 Section 5: Fire-Fighting Measures**5.1. Extinguishing media**

Suitable extinguishing media

Foam (alcohol resistant), carbon dioxide, powders, water spray.

Do not allow run-off from fire fighting to enter drains or water courses.

Unsuitable extinguishing media for safety reasons

Water jet

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

5.3. Advice for firefighters

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool closed containers in the vicinity of the source of fire.

06 Section 6: Accidental Release Measures

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6.1. Personal precautions, protective equipment and emergency procedures

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

Exclude sources of ignition and ventilate the area. Avoid breathing vapours.

6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

07 Section 7: Handling and Storage**7.1. Precautions for safe handling**Instructions for Safe Handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

Avoid inhalation of dust from sanding.

Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.

Isolate from sources of heat, sparks and open flame. Do not use any sparking tools.

Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear.

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When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

The Manual Handling Operations Regulations 90/269/EEC may apply to the handling of packages of this product. Refer to the guide weight indicated on the package when carrying out assessments. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in Section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

Information on Fire and Explosion Protection

Solvent vapours are heavier than air and spread along floors. Vapour forms explosive mixtures with air.

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

7.2. Conditions for safe storage, including any incompatibilitiesRequirements for Storage Areas and Containers

Electrical equipment must be explosion-proof to the appropriate standard. Floors must be of conducting type and impermeable to the materials being stored.

Keep container tightly closed. Never use pressure to empty; container is not a pressure vessel. Close containers carefully once opened and store upright in order to prevent any leakage. No smoking. Prevent unauthorized access.

Information on Combined Storage

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional Information on Storage Conditions

Always keep in containers of same material as the original one. Observe label precautions. Store in a dry, well ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition.

Storage temperature : n.d.a.

7.3. Specific end use(s)

Detailed information can be gained from the relevant technical data sheets.

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8.1. Control parameters**Occupational Exposure Limits**

CAS No.	limit values		
		ml/m3 (ppm)	mg/m3
n-butylacetate			
123-86-4	WEL-L	150	724
	WEL-S	200	966
xylylene (mixture of isomeres)			
1330-20-7	WEL-L	50	220
	WEL-S	100	441

8.2. Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.

Personal protective equipment

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the Personal Protective Equipment at Work Regulations 1992 and the COSHH Regulations.

Respiratory Protection

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet (sanding/ flatting) should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Use AlP2 breathing-protection half mask in case of contact with aerosols.

Hand Protection

Wear protective gloves.

Any chemical protection glove certified according to EN 374 is suitable: e.g. nitrile gloves

Material thickness: = 0,7 mm

Further information on penetration time is available from the manufacturer of the glove.

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Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Follow manufacturer's advice on use, storage, maintenance and replacement of gloves.

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Eye Protection

Required when there is a risk of eye contact.

Skin Protection

Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.

Environmental exposure controls

See section 7 and 12

09 Section 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Physical state : liquid

Colour : black

Odour : specific

pH : n.a.

Change in physical state

Boiling temperature/range : n.d.a.

Melting point/range : n.d.a.

Flash point : +023 °C ISO 3679

Ignition temperature : > 200 °C
solvents

Explosion limits, lower : > 35 g/m³
upper : n.d.a.

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Vapour pressure : n.d.a.

Density : 1,652 g/cm³ at 20°C

Solubility in water : immiscible

Viscosity : 411,6 mm²/s**9.2. Other information**

Flow time : >060/6 s at 20°C ISO 2431

10 Section 10: Stability and Reactivity**10.1. Reactivity**

Stable under recommended storage and handling conditions (see section 7).

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

10.4. Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

10.5. Incompatible materials

Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

10.6. Hazardous decomposition products

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced.

11 Section 11: Toxicological Information**11.1. Information on toxicological effects**

The mixture has been assessed following regulation (EC) No 1272/2008. See sections 2 and 3 for details.

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Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated and prolonged exposure to solvents at levels significantly above OELs may lead to the development of long-lasting central nervous system disorders such as chronic toxic encephalopathy, signs of toxicity include changes in behaviour and memory.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/eye irritation

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

The liquid splashed in the eyes may cause irritation and reversible damage.

Respiratory sensitization/skin

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

Germ cell mutagenicity

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

Carcinogenicity

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

Toxicity for reproduction

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

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

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

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There are no test results available for this product.

The mixture has been assessed following regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See sections 2 and 3 for details.

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Biological degradability of hazardous substances mentioned in section 3:

CAS no.	test method	biological degradability %
trizinc bis(orthophosphate)		
7779-90-0	OECD 301 A	hardly bio-degradable
xylene (mixture of isomers)		
1330-20-7	OECD 301 A	readily bio-degradable

12.3. Bioaccumulative potential

n.d.a.

12.4. Mobility in soil

n.d.a.

12.5. Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

12.6. Other adverse effects

The product should not be allowed to enter drains or water courses.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13 Section 13: Disposal Considerations**13.1. Waste treatment methods**

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Observe national and local legal requirements.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Environment Agency whether the special waste regulations apply.

European list of wastesCommission Decision 2000/532/EC dated 3rd May, 2000**08 01 11***

Waste from the manufacture, formulation, supply and use (MFSU) and removal of paint and varnish;
waste paint and varnish containing organic solvents or other dangerous substances

Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Contaminated packagingRecommendation

Containers which are not properly emptied must be disposed pursuant to Directive 91/689/EEC

14 Section 14: Transport Information**14.1. UN number**Transport by Road or Rail (ADR/RID):

1263

Sea Transport (IMDG):

1263

Air Transport (IATA/ICAO):

1263

Inland waterway transport (ADN):

not evaluated

14.2. UN proper shipping nameTransport by Road or Rail (ADR/RID):

PAINT

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Sea Transport (IMDG):

PAINT (ZINC PHOSPHATE)

Air Transport (IATA/ICAO):

PAINT

Inland waterway transport (ADN):

not evaluated

14.3. Transport hazard class(es)Transport by Road or Rail (ADR/RID):

3

Sea Transport (IMDG):

3

Air Transport (IATA/ICAO):

3

Inland waterway transport (ADN):

not evaluated

14.4. Packing groupTransport by Road or Rail (ADR/RID):

III

Sea Transport (IMDG):

III

Air Transport (IATA/ICAO):

III

Inland waterway transport (ADN):

not evaluated

14.5. Environmental hazardsTransport by Road or Rail (ADR/RID):

ENVIRONMENTALLY HAZARDOUS

Sea Transport (IMDG):

Marine Pollutant (zinc phosphate)

Inland waterway transport (ADN):

not evaluated

14.6. Special precautions for user

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14Transport by Road or Rail (ADR/RID):

Tunnel code: D/E

Hazard number 30

Special provision 640 E

Sea Transport (IMDG):

EMS-Nr: F-E, S-E

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

not evaluated

15 Section 15: Regulatory Information**15.1. Safety, health and environmental regulations/legislation
specific for the substance or mixture****Information pursuant to VOC Directive 1999/13/EC (for product as supplied)**

Volatile organic solvents: 27 %

VOC : 27 %

Volatile CMR substances : n.a.

Details relating to the VOC Directive 2004/42/EC

Subcategory as indicated in Annex IIB : c

Limit value for maximum VOC content

as specified in Annex IIB : 540 g/l

VOC content of the ready-for-use product

according to ISO 11890-2 : 539 g/l

National Regulations

The Control of Substances Hazardous to Health Regulations 2002

The Manual Handling Operations Regulations 1992

Storage of Packaged Dangerous Substances, HS(G)71

The Environmental Protection Act

The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 (SI 1972:917)

Storage of Flammable Liquids in Containers, HS(G)51

15.2. Chemical safety assessment

Chemical Safety Assessment not required

16 Section 16: Other Information

Restricted to professional users.

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This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010.

The information contained in this safety data sheet does not relieve users from the obligation to carry out their own risk assessment according to Directive 98/24/EC.

Full text of hazard statements for components listed in section 2 and 3

Acute Tox.

Acute toxicity

Aquatic Acute

Hazardous to the aquatic environment - acute

Aquatic Chronic

Hazardous to the aquatic environment - chronic

Asp. Tox.

Aspiration hazard

Eye Dam./Irrit.

Serious eye damage/eye irritation

Flam. Liq.

Flammable liquids

STOT RE

Specific target organ toxicity - repeated exposure

STOT SE

Specific target organ toxicity - single exposure

Skin Corr./Irrit.

Skin corrosion/irritation

H226

Flammable liquid and vapour.

H304

May be fatal if swallowed and enters airways.

H312

Harmful in contact with skin.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H332

Harmful if inhaled.

H335

May cause respiratory irritation.

H336

May cause drowsiness or dizziness.

H373

May cause damage to organs through prolonged or repeated exposure.

H400

Very toxic to aquatic life.

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H410

Very toxic to aquatic life with long lasting effects.

H412

Harmful to aquatic life with long lasting effects.

For multi-pack systems observe material safety data sheets of all components.

Explanation of abbreviations:

n.d.a. no data available**n.a.** not applicable**WEL-L** Time Weighted Average (TWA)**WEL-S** Short Term Exposure Limit (STEL)

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.