

SAFETY DATA SHEET

IM Pro-PSA-Fiber used in Pacifyre® FPW

SECTION 1: Product and company identification

1.1 Product identifier

Product name : IM Pro-PSA-Fiber
Chemical nature : Does Not Apply

1.2 Recommended use of the chemical and restrictions on use

Recommended use : Fire retardant
Restrictions on use : Food additive, Animal feedstuff

1.3 Details of the supplier of the safety data sheet

J. van Walraven Holding B.V.
Industrieweg 5 | NL-3641 RK Mijdrecht | Tel. +31 297 23 30 00 | Fax +31 297 28 64 09 | www.walraven.com

export@walraven.com

1.4 Emergency telephone number

+31 (0)297 23 30 00

SECTION 2: Hazards identification

2.1 Emergency Overview

Appearance	Black flexible rubber strip with a polyethylene film
Color	Black and color of polyethylene film
Odor	Odorless
Hazard Summary	Non-hazardous

GHS Classification:

Not a hazardous substance or mixture.

GHS Label element:

Not a hazardous substance or mixture.

2.2 Potential Health Effects

Aggravated Medical Condition:

None known.

Symptoms of Overexposure:

No information available.

2.3 Carcinogenicity

IARC:

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH:

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA:

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP:

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3: Composition/information on ingredients

3.1 Substance / Mixture:

This product is regarded as an "article" as defined under OSHA Regulation 29 CFR 1910.1200 9 ©. Under normal working conditions and use, the physical form of this product preclude exposure to a hazardous chemical.

3.2 Chemical nature:

Does not apply

3.3 Hazardous ingredients:

No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures**General advice:**

Show this material safety data sheet to the doctor in attendance.

If inhaled:

None anticipated.

In case of skin contact:

None anticipated.

In case of eye contact:

Flush eyes with water as a precaution. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, get medical attention.

Notes to physician:

For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Thermal decomposition or combustion may produce smoke, fumes, oxides of carbon, small amounts Hydrogen cyanide, Ammonia, Hydrochloric acid and Phosphoric acid.

Flashpoint:

Not Established.

5.2 Fire fighting**Suitable extinguishing media:**

Dry Chemical, Carbon Dioxide, Foam, Water Spray for large fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting:

Do not use a solid water stream as it may scatter and spread fire.

Specific extinguishing methods:

No data available.

Further information:

In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Evacuate personnel to safe areas.

Note: Review FIRE FIGHTING MEASURES AND HANDLING.

6.2 Environmental precautions:

Local authorities should be advised if significant spillages that cannot be contained. No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations

SECTION 7: Handling and storage**7.1 Handling and storage****Advice on safe handling:**

Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Avoid formation of dust and aerosols.

Conditions for safe storage:

Store under ambient conditions. No special handling required.

Materials to avoid:

No special restrictions on storage with other products.

7.2 Personal protective equipment**Respiratory protection:**

No personal respiratory protective equipment normally required.

Hand protection remarks:

For prolonged or repeated contact use protective gloves.

Eye protection:

Safety glasses

Skin and body protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures:

Do not breathe dust. When using do not eat, drink or smoke.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 8: Exposure controls/personal protection

8.1 Exposure limits/control parameters:

As an article, which does not release or otherwise, result in exposure to hazardous chemicals under normal use; no personal protective equipment (PPE) is required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Flexible black rubber strip with a polyethylene film.
Color	Black and color of polyethylene film
Odor	Odorless
pH (20 °C)	No data available
Boiling point/boiling range	No data available
Flash point	Not applicable
Flammability (solid, gas)	:Not expected to form explosive dust-air mixtures.
Bulk density	Not applicable
Water solubility	Insoluble
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Explosive properties	Regulatory information: Not explosive
	International transport regulations: Not explosive

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Stable under recommended storage conditions. No dangerous reactions known under conditions of normal use.

10.4 Conditions to avoid

No data available.

See section on Fire and Explosion Hazards for possible combustion and / or thermal decomposition products.

10.5 Further information**Product:**

No data available.

SECTION 11: Toxicological information

11.1 Symptoms of exposure by route of exposure

Inhalation:

Due to the form of the product, inhalation is unlikely.

Contact with Skin or Eyes:

Due to the form of the product, contact with the eyes is unlikely.

Skin Absorption:

Due to form of product, skin absorption is not a likely route of exposure.

Ingestion:

Ingestion is not a route of exposure, due to the form of the product.

SECTION 12: Ecological information

12.1 Ecological information

Eco-toxicity:

No data available.

Persistence and degradability:

No data available.

Bio-accumulative potential:

No data available.

Mobility in soil:

No data available.

12.2 Other adverse effects

No data available.

Product:

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

12.3 Additional ecological information:

No data available.

SECTION 13: Disposal considerations

13.1 Disposal methods

Waste from residues:

Dispose of wastes in an approved waste disposal facility.

Contaminated packaging:

Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Not regulated as a dangerous good.

IMDG-Code:

Not regulated as a dangerous good.

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

Not applicable for product as supplied.

13.2 Domestic regulation**49 CFR:**

Not regulated as a dangerous good.

SECTION 14: Transport information

14.1 International regulation**UNRTDG:**

Not regulated as a dangerous good.

IATA-DGR:

Not regulated as a dangerous good.

IMDG-Code:

Not regulated as a dangerous good.

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

Not applicable for product as supplied.

14.2 Domestic regulation**49 CFR:**

Not regulated as a dangerous good.

SECTION 15: Regulatory information

15.1 OSHA Hazards:

No OSHA Hazards

EPCRA – Emergency Planning and Community Right-to-Know**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

15.2 SARA 311/312 Hazards:

No SARA Hazards

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.3 Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489).

15.4 Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

15.5 OSHA Process Safety Management Lists

This product does not contain any hazardous materials listed under OSHA's process safety management of highly hazardous chemicals.

California Prop 65:

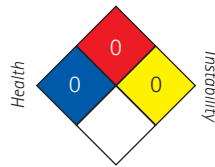
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16: Other information

16.1 Further information

NFPA	HMIS III	
Flammability	Health	0
Special hazard	Flammability	1
	Physical hazard	0

0 = Not significant
 1 = Slightly
 2 = Moderate
 3 = High
 4 = Extreme
 * = Chronic



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision date : 2016-09-10

Product number : 2122250920

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