

# EG-SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## AFP7003\_500 SHIELDIT INNOVATIONS Fabric Protection 500 ml

Creation date	14th June 2017	Version	1.0 EN
Revision date			

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

- 1.1. Product identifier**  
AFP7003\_500 SHIELDIT INNOVATIONS Fabric Protection 500 ml  
mixture
- Substance / mixture  
Other mixture names
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Hydrophobing agent.  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name Shieldit Innovations LLC  
Address 16192 Coastal Highway  
LEWES, Delaware 19958  
United States  
Phone +1 (540) 480-0505  
E-mail support@shielditinnovations.com
- Competent person responsible for the safety data sheet**  
Name Shieldit Innovations  
E-mail support@shielditinnovations.com
- 1.4. Emergency telephone number**  
Emergency Telephone of Company/Undertaking +1 (540) 480-0505 (08:00am – 4:00pm)  
Counselling centre for poisoning +1 (800) 222-1222  
(American Association for Poison Controls Centres)

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
Not classified  
**Adverse physicochemical, human health and environmental effects**  
To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
- 2.2. Label elements**  
**Labelling according to Regulation (EC) No 1272/2008**  
No labelling applicable.
- 2.3. Other hazards**  
No additional information available.

### SECTION 3: Composition/information on ingredients

- 3.2. Mixtures:**  
Comments: Preparation of modified hybrid materials in aqueous solution for dirt repellent coating.
- This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

### SECTION 4: First aid measures

- 4.1. Description of first aid measures**  
**General Information:**  
In all cases of doubt, or when symptoms persist, seek medical advice.  
**After inhalation:**  
Terminate the exposure immediately; move the affected person to fresh air.

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### After skin contact:

Wash skin with plenty of water.

### After eye contact:

Rinse eyes with water as a precaution. If symptoms persist, call a physician.

### If swallowed

Call a poison center or a doctor if you feel unwell. Rinse mouth out with water. Spit. Drink plenty of water. Do not induce vomiting. Vomiting: prevent asphyxia/aspiration pneumonia.

### 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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use fire fighting measures suiting the environment.

#### Unsuitable extinguishing media

No information available.

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

In case of fire, the following can be released:

Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

#### Protection during firefighting:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

#### Other information

Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Ventilate spillage area.

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters.

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

Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Disposal must be done according to official regulations.

### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment. Avoid aerosol building. Avoid contact with skin and eyes.

#### Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

#### Storage Conditions:

Store in a well-ventilated place. Keep cool.

#### Information about storage in one common storage facility:

Keep away from food, drink and animal feeding stuffs. Oxidizing materials.

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### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available.

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection

In case of repeated or prolonged contact wear gloves. EN 374. 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. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Do not use : leather, thick fabric gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Butyl rubber, Nitrile rubber (NBR)	6 (>480 minutes)			EN 374

#### Eye protection:

Chemical goggles

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

IN case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Do not breathe gas/vapour/aerosol.

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	Colourless. Slightly. Turbid.
Odour	Odourless.
Odour threshold	No data available
pH	No data available
pH solution	3 - 5 (20°C; 50%Water)
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	> 100°C
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	1.03 - 1.09 g/cm <sup>3</sup> (20°C)
Solubility	Miscible
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	1 - 10 mPa.s (20°C)
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

### 9.2. Other information

No additional information available.

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

No additional information available.

#### 10.5. Incompatible materials

No additional information available.

#### 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 (Lack of data)
Acute toxicity (dermal)	: Not classified (Lack of data)
Acute toxicity (inhalation)	: Not classified (Lack of data)
Skin corrosion/irritation	: Not classified (Lack of data)
Serious eye damage/irritation	: Not classified (Lack of data)
Respiratory of skin sensitization	: Not classified (Lack of data)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Lack of data)
STOT-single exposure	: Not classified (No data available)
STOT-repeated exposure	: Not classified (No data available)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology – general	: No data available.
Acute aquatic toxicity	: Not classified (Lack of data)
Chronic aquatic toxicity	: Not classified (Lack of data)

#### 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

No additional information available.

#### 12.6. Other adverse effects

No additional information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment.

##### European List of Waste (LoW) code

08 04 16 - aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15.

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### SECTION 14: Transport information

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

ADR	IMDG	IATA	AND	RID
<b>14.1. UN number or ID number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	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>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

Overland transport : Not applicable  
Transport by sea : Not applicable  
Air transport : Not applicable  
Inland waterway transport : Not applicable  
Rail transport : Not applicable

### 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

##### EU Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### National Regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Indication of changes

Section	Changed item	Change	Comments
2.1	Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	Removed	
2.2	Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	Removed	

#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

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### Key to abbreviations and acronyms used in the safety data sheet

AND	European agreement concerning the international carriage of dangerous goods by inland waterways
ADR	European agreement concerning the international carriage of dangerous goods by road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
DND	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted No-Effect Concentration (REACH)
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very persistent and very bioaccumulative

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.