

Date: 26.7.2023

Former date: 3.3.2023

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

**Trade name**

PREWHITE 18-50

**Company product code**

1850

**Reach registration number**

Mixture, no registration

**Product definition**

White masterbatch

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

**The uses of the chemical**

**Classification of economic activities (NACE)**

C20.16

**Main intended use**

PC-TEC-16 Polymer preparations and compounds

**Industrial use**

Yes

**Professional use**

Yes

**Consumer use**

No

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer, importer, other undertaking**

PREMIX OY

**Street address**

Muovitie 4

**Postcode and post office**

FIN-05200 Rajamäki

**Post-office box**

P.O.Box 12

**Postcode and post office**

FIN-05201 Rajamäki

**Telephone number**

+358 9 878 041

**Telefax**

+358 9 878 04400

**Web page**

[www.premixgroup.com](http://www.premixgroup.com)

**Finnish Business ID (Y code)**

FI32443519

**1.4 Emergency telephone number**

Emergency telephone number (Europe): 112

Other countries: check local emergency number

Poison Information centre (Finland) open 24 h daily: +358 800 147 111 or +358 9 471 977

P.O. Box 790 (Tukholmankatu 17), 00029 HUS

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Not classified as a hazardous mixture according the CLP regulation (EU 1272/2008).

**2.2 Label elements**

EUH 210 Safety data sheet available on request.

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EUH 212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust..

### 2.3 Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS			
3.2 Mixtures			
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
3463-67-7 / 236-675-5 / 01-2119489379-17- 0016	Titanium dioxide	45 – 55 %	No classification. According to supplier testing contains <1% <10µm particles.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General

If the situation is unclear or symptoms persist, seek medical attention.

##### Inhalation

If symptoms occur, move the exposed person to fresh air and keep under observation. Get medical attention if symptoms persist or are severe.

##### Skin contact

Rinse with water. In case of skin contact with molten plastic, cool the skin rapidly with water. Do not attempt to remove plastic glued to burnt skin without medical assistance.

##### Eye contact

Immediately flush eyes with plenty of water. Carefully remove any particles remaining under the eyelids. Seek medical attention if eye irritation persists.

##### Ingestion

Do not induce vomiting. Rinse the mouth with water and give 1–2 glasses of water to drink. Get medical advice/attention if the exposed person feels unwell.

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

Skin contact with molten plastic causes thermal burns.

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

Treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Water spray, foam, carbon dioxide (CO<sub>2</sub>)

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

Oxides of carbon and hydrocarbon fragments.

#### 5.3 Advice for firefighters

Wear appropriate protective equipment and self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

No special precautions needed.

#### 6.2 Environmental precautions

Do not let the granules contaminate sewers, waters or soil.

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

Sweep up the spill and place in suitable container for use or disposal.

#### 6.4 Reference to other sections

See section 7 for safe handling.

See section 8 for personal protective equipment.

See section 13 for waste disposal.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands before breaks and at the end of workday. Wash contaminated clothes before reuse.

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

Store in a dry place.

### 7.3 Specific end use(s)

None reported.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### National occupational exposure limit values

N/A

#### Other limit values

N/A

#### DNEL

N/A

#### PNEC

N/A

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation, use local exhaust ventilation if necessary.

#### Eye/face protection

Wear suitable protective goggles if there is a risk of eye contact.

#### Skin protection

Normal work clothing.

#### Hand protection

Use appropriate protective gloves when handling the product.

#### Respiratory protection

If it is not possible to reduce exposure levels to below exposure limit values by ventilation, use an appropriate respirator.

#### Thermal hazards

Molten plastic may cause thermal burns. Wear appropriate heat resistant protective clothing and gloves if needed.

#### Environmental exposure controls

Do not let the granules contaminate sewers, waters or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Solid, White granule
Odour	Characteristic odour
Odour threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Melting range 90-130 °C
Initial boiling point and boiling range	Not applicable
Flash point	> 300 °C

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Evaporation rate	Not applicable
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Particle characteristics	Not applicable
Relative density	1.4-1.7 g/cm <sup>3</sup>
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not determined
Decomposition temperature	> 200 °C
Viscosity	Not applicable
Explosive properties	Not classified as explosive
Oxidising properties	Not classified as oxidising

9.2 Other information  
None.

#### SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Reactivity**  
Not reactive under normal use and storage conditions.
- 10.2 **Chemical stability**  
Stable under normal storage and handling conditions.
- 10.3 **Possibility of hazardous reactions**  
No known dangerous reactions under normal use and storage conditions.
- 10.4 **Conditions to avoid**  
Heat.  
Do not allow product to remain in barrel at elevated temperatures for extended period of time.
- 10.5 **Incompatible materials**  
No known incompatible materials.
- 10.6 **Hazardous decomposition products**  
Oxides of hydrocarbon fragments.

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### 11.1 Information on toxicological effects

###### Acute toxicity

The product is not classified as acute toxic.

###### Skin corrosion/irritation

The product is not classified as corrosive/irritant.

###### Serious eye damage/irritation

The product is not classified as corrosive/irritant.

###### Respiratory or skin sensitisation

The product is not classified as a sensitiser.

###### Germ cell mutagenicity

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The product is not classified as mutagenic.

**Carcinogenicity**

The product is not classified as carcinogenic.

**Reproductive toxicity**

The product is not classified as a reproductive toxicant.

**STOT-single exposure**

The product is not classified as toxic to specific target organs through single exposure.

**STOT-repeated exposure**

The product is not classified as toxic to specific target organs through prolonged or repeated exposure.

**Aspiration hazard**

The product is not classified as hazardous with aspiration.

**11.2 Other information**

**Endocrine disruption**

The product does not contain any known or suspected endocrine disruptors

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

The product is not classified as hazardous for environment. There is no ecotoxicity data available for the product as such.

**12.2 Persistence and degradability**

Not biodegradable.

**12.3 Bioaccumulative potential**

Not bioaccumulative.

**12.4 Mobility in soil**

Insoluble in water.

**12.5 Results of PBT and vPvB assessment**

Chemical safety assessment has not been performed for the product, no information available about ingredients.

**12.6 Endocrine disrupting properties**

The product does not contain any known or suspected endocrine disruptors.

**12.7 Other adverse effects**

None reported.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

The product is not considered hazardous waste.

Reuse or recycle if possible. Dispose of according to national and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

The product is not classified for transportation.

**14.2 UN proper shipping name**

N/A

**14.3 Transport hazard class(es)**

N/A

**14.4 Packing group**

N/A

**14.5 Environmental hazards**

none

**14.6 Special precautions for user**

none

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

N/A

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#### SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No specific regulations.
- 15.2 Chemical safety assessment**  
Chemical safety assessment has not been performed for the product, no information available about ingredients.

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#### SECTION 16: OTHER INFORMATION

**Changes to the previous version**

26.7.2023 Changes in sections 1-16 (revised for new MSDS template)

**Glossary of abbreviations**

DNEL: Derived No-Effect Level EC50: Effective concentration 50%

LC50: Lethal concentration 50%

LD50: Lethal dose 50%

PNEC: Predicted No-Effect Concentration

**References**

MSDS Template

Decree of Ministry of social affairs and health about concentrations known to be adverse (1214/2016) (STM: HTP values 2016, Finland) **References**

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**Procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

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**List of relevant hazard and precautionary statements**

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**Training appropriate for workers**

Read this material safety data sheet.

**Other information**

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