

Date: 19.01.2010

Former date:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Identification of the substance or preparation**

Trade name
PREWHITE PE 10-50
Code of the preparation
-
Reach registration number
-

1.2 Use of the substance/preparation**1.2.1 The uses of the chemical**

used as antibloc additive in plastic articles

1.2.2 Classification of economic activities (NACE) C20.1.6**1.2.3 Use categories (UC62)** 10**1.2.4 The chemical can be used by the general public** **1.2.5 The chemical is used by the general public only** **1.3 Company/undertaking identification****1.3.1 Manufacturer, importer, other undertaking**

Premix Oy

1.3.2 Contact information:

Street address Tekniikantie
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
E-mail address info@premixgroup.com
Y code FI03572581

1.3.3 Information on the foreign manufacturer**1.4 Emergency telephone****1.4.1 Telephone number, name and address****2. HAZARDS IDENTIFICATION****3. COMPOSITION AND INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

3.1.1 CAS/EC number and the Registration number	3.1.2 Name of the ingredient	3.1.3 Concentration	3.1.4 Classification (symbol letters and R phrases) and other data on the ingredient
-	-	-	-

3.1.5 There has been a request for confidentiality of a substance according to Annex 2 of the decree **3.1.6 A substance not dangerous has been indicated as confidential** **3.1.7 Other information**PE-based masterbatch containing TiO₂ encapsulated in the base polymer

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4. FIRST AID MEASURES

4.1 Special instructions

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4.2 Inhalation

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4.3 Skin contact

Wash with water. In case of skin contact with molten plastic cool rapidly with water. Do not attempt removal of plastics without medical assistance.

4.4 Eye contact

wash with water

4.5 Ingestion

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4.6 Information for a doctor or other professionals giving first aid

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5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

water, foam, CO2

5.2 Extinguishing media which shall not be used for safety reasons

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5.3 Special exposure hazards in a fire

Oxides of carbon and hydrocarbon fragments

5.4 Special protective equipment for fire-fighters

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5.5 Other instructions

-

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

-

6.2 Environmental precautions

-

6.3 Methods for cleaning up

normal cleaning

6.4 Other instructions

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7. HANDLING AND STORAGE

7.1 Handling

Follow proper standard industrial hygiene practices. Avoid dust formation and too high temperatures.

7.2 Storage

to be stored dry

7.3 Specific use(s)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

8.1.1 HTP values (in Finland)

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8.1.2 Other limit values

-

8.1.3 Limit values in other countries

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8.1.4 DNELs

-

8.1.5 PNECs

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8.2 Exposure controls

8.2.1 Occupational exposure controls**8.2.1.1 Respiratory protection**

when processing fumes are not adequately controlled, use respirator

8.2.1.2 Hand protection

gloves where needed

8.2.1.3 Eye protection

safety glasses where needed

8.2.1.4 Skin protection

normal clothing

8.2.2 Environmental exposure controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information (physical state, colour and odour)

granule, white, odourless

9.2 Important health, safety and environmental information

9.2.1 pH**9.2.2 Boiling point/boiling range**

Melting range 100-120°C

9.2.3 Flash point

>350 °C

9.2.4 Flammability (solid, gas)**9.2.5 Explosive properties****9.2.6 Oxidising properties****9.2.7 Vapour pressure****9.2.8 Relative density**

1.5 g/cm³

9.2.9 Solubility**9.2.10 Water solubility**

not soluble

9.2.11 Partition coefficient: n-octanol/water**9.2.12 Viscosity****9.2.13 Vapour density****9.2.14 Evaporation rate**

9.3 Other information

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid

do not allow product to remain in barrel at elevated temperatures for extended period of time

10.2 Materials to avoid**10.3 Hazardous decomposition products**

oxides of carbon

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11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity**
TiO₂: oral, rat: >20 000 mg/kg
dermal, rabbit: >10 000mg/kg
- 11.2 Irritation and corrosivity**
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- 11.3 Sensitisation**
-
- 11.4 Sub-acute, sub-chronic and prolonged toxicity**
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- 11.5 Human health effects based on experience**
none known
- 11.6 Other information on health effects**
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12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

- 12.1.1 Aquatic toxicity**
TiO₂: Leusiscus idus, LCO >1000 mg/l/48h
Daphnia magna, ECO >3 mg/l/30 days.
Pseudomonas fluorescens, ECO >10000mg/l/24h
- 12.1.2 Toxicity to other organisms**
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- 12.2 Mobility**
-

12.3 Persistence and degradability

- 12.3.1 Biodegradation**
not biodegradable
- 12.3.2 Chemical degradation**
not tested
- 12.4 Bioaccumulative potential**
not bioaccumulate
- 12.5 Results of PBT assessment**
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- 12.6 Other adverse effects**
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13. DISPOSAL CONSIDERATIONS

dispose of at approved land-fill tips according to local regulations

14. TRANSPORT INFORMATION

- 14.1 UN number**
-
- 14.2 Packing group**
-
- 14.3 Land transport**
- 14.3.1 Transport class**
-
- 14.3.2 Risk code**
-
- 14.3.3 Name according to bill of freight**
-
- 14.3.4 Other information**
-
- 14.4 Sea transport**
- 14.4.1 IMDG class**
-
- 14.4.2 Correct technical name**

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14.4.3 Other information
-

14.5 Air transport

14.5.1 ICAO/IATA class
-

14.5.2 Correct technical name
-

14.5.3 Other information
-

15. REGULATORY INFORMATION

15.1 Information on the label

15.1.1 Danger symbols (letters) and indications of danger
-

15.1.2 Substances to be named on the label
-

15.1.3 R phrases
-

15.1.4 S phrases
-

15.1.5 Special provisions concerning the labelling of certain preparations
-

15.1.6 Chemical Safety Assessment has been carried out for the following substances
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15.2 National regulations
-

16. OTHER INFORMATION

16.1 List of relevant R phrases
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16.2 Training advice
-

16.3 Recommended restrictions on use
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16.4 Further information
Premix Oy, Heikki Ruohonen

16.5 Sources of key data used to compile the Safety Data Sheet
information from raw material suppliers

16.6 Information which has been added, deleted or revised
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