

Date: 19.05.2014

Former date:

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier****Trade name**

PRE-ELEC ESD 7120

**Company product code**

ESD7120

**Reach registration number**

mixture, no registration

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

to make electrostatic dissipative products

**Classification of economic activities (NACE)**

C20.16

**Use categories (UC62)**

55

**The chemical can be used by the general public****The chemical is used by the general public only****1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking****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

**E-mail address**

info@premixgroup.com

**Finnish Business ID (Y code)**

FI03572581

**1.4 Emergency telephone number****+358 9 878 04343****SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture  
not hazardous mixture****2.2 Label elements  
NA****2.3 Other hazards  
NA**

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
NA			

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

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

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

Burning marks in skin contact with molten plastic

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

severe burning of skin

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

water fog, foam, carbon dioxide

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

Oxides of carbon and nitrogen, styrene and hydrocarbon fragments, other toxic gases

#### 5.3 Advice for firefighters

Wear self contained positive pressure breathing apparatus and full fire protective clothing

### 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 the soil

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

sweep up spill

#### 6.4 Reference to other sections

NA

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Follow proper standard industrial hygiene practices.

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

to be stored dry and cool in tightly closed containers

do not store with strong oxidizing agents

#### 7.3 Specific end use(s)

none known

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### National occupational exposure limit values

styrene: HTP(15 min) 100 ppm = 420 mg/m<sup>3</sup> (Finland)

HTP (8 h) 20 ppm = 85 mg/m<sup>3</sup> (Finland)

1-3-butadiene: HTP (8 h) 50 ppm = 110 mg/m<sup>3</sup> (Finland)

##### Other limit values

NA

DNEL

NA

PNEC

NA

**8.2 Exposure controls****Appropriate engineering controls**

NA

**Eye/face protection**

safety glasses where needed

**Skin protection**

normal clothing

**Hand protection**

gloves where needed

**Respiratory protection**

provide adequate ventilation, use local exhaust ventilation

**Thermal hazards**

molten plastic

**Environmental exposure controls**

do not let the granules contaminate the soil

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	granule
<b>Odour</b>	characteristic odour
<b>Odour threshold</b>	NA
<b>pH</b>	NA
<b>Melting point/freezing point</b>	NA
<b>Initial boiling point and boiling range</b>	NA
<b>Flash point</b>	>280 °C
<b>Evaporation rate</b>	NA
<b>Flammability (solid, gas)</b>	NA
<b>Upper/lower flammability or explosive limits</b>	NA
<b>Vapour pressure</b>	NA
<b>Vapour density</b>	NA
<b>Relative density</b>	1.1 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	NA
<b>Partition coefficient: n-octanol/water</b>	NA
<b>Auto-ignition temperature</b>	NA
<b>Auto-ignition temperature</b>	NA
<b>Decomposition temperature</b>	NA
<b>Viscosity</b>	NA
<b>Explosive properties</b>	NA
<b>Oxidising properties</b>	NA

**9.2 Other information**  
none

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**SECTION 10: STABILITY AND REACTIVITY**

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- 10.1 **Reactivity**  
stable
- 10.2 **Chemical stability**  
stable
- 10.3 **Possibility of hazardous reactions**  
little
- 10.4 **Conditions to avoid**  
do not allow product to remain in barrel at elevated temperatures for extended period of time
- 10.5 **Incompatible materials**  
avoid acids, alkalies and strong oxidizing agents
- 10.6 **Hazardous decomposition products**  
oxides of carbon, nitrogen, styrene and hydrocarbon fragments, possible other toxic gases

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects**

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**Acute toxicity**

none known

**Skin corrosion/irritation**

none known

**Serious eye damage/irritation**

none known

**Respiratory or skin sensitisation**

none known

**Germ cell mutagenicity**

none known

**Carcinogenicity**

none

**Reproductive toxicity**

none

**STOT-single exposure**

NA

**STOT-repeated exposure**

NA

**Aspiration hazard**

NA

**Other information**

none

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**SECTION 12: ECOLOGICAL INFORMATION**

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- 12.1 **Toxicity**  
nontoxic
- 12.2 **Persistence and degradability**  
nonbiodegradable
- 12.3 **Bioaccumulative potential**  
nonbioaccumulate
- 12.4 **Mobility in soil**  
insoluble in water

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- 12.5 **Results of PBT and vPvB assessment**  
none
- 12.6 **Other adverse effects**  
none

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

- 13.1 **Waste treatment methods**  
Reuse or recycle if possible. Dispose of at approved land-fill tips according to local regulations

#### **SECTION 14: TRANSPORT INFORMATION**

- 14.1 **UN number**  
NA
- 14.2 **UN proper shipping name**  
NA
- 14.3 **Transport hazard class(es)**  
NA
- 14.4 **Packing group**  
NA
- 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**  
NA

#### **SECTION 15: REGULATORY INFORMATION**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
none
- 15.2 **Chemical safety assessment**  
none

#### **SECTION 16: OTHER INFORMATION**

none