

Safety Data Sheet

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

Trade name : ROMILOY PC+PET MX X=10-40
Revision date : 01.01.2023
Print date : 05.01.2023

Version (Revision) : 1.0.3 (1.0.1)

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

1.1 Product identifier

ROMILOY PC+PET MX X=10-40 (ROM030030)

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

Relevant identified uses

Polymer preparations and compounds

Remark

For use in industrial installations only.

1.3 Details of the supplier of the safety data sheet

Information contact :

Abteilung ROM Safety
Telephone : +49 (0) 4101 706-777
E-Mail: safety@romira.de

1.4 Emergency telephone number

ROMIRA GmbH
+49 (0) 4101 706-317
(Mo. - Do. 08:00 - 16:30, Fr. 08:00 - 15:30)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

None

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

None

Additional information

All ingredients of this mixture are registered according to REACH regulation.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin. Medical treatment necessary.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart

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and consult an ophthalmologist. Protect uninjured eye.

Following ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Excess water Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO₂)

Hazardous combustion products

Hydrogen cyanide (hydrocyanic acid) Nitrogen oxides (NO_x) Phosphorus oxides

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Co-ordinate fire-fighting measures to the fire surroundings. Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid dust formation. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Cover drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

All work processes must always be designed so that the following is as low as possible: Inhalation of dust/particles If handled uncovered, arrangements with local exhaust ventilation have to be used. It is recommended to design all work processes always so that the following is excluded: Eye contact Only use the material in places where open light, fire and other flammable sources can be kept away. Wear personal protection equipment (refer to section 8).

Protective measures

Measures to prevent fire

Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

Provide adequate ventilation as well as local exhaustion at critical locations.

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Environmental precautions

See section 8.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Ensure adequate ventilation of the storage area.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Protect against : Humidity. UV-radiation/sunlight

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

Eye glasses with side protection

Skin protection

Hand protection

Hand protection is not required.

Additional hand protection measures : Do not wear gloves near rotary machines and tools.

Body protection

Suitable protective clothing : lab coat Overall Disposable suit

Remark : Only wear fitting, comfortable and clean protective clothing. Barrier creams are not substitutes for body protection.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values

Suitable respiratory protection apparatus

Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo.

Remark

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General information

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately. Separate storage of work clothes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : solid: granulate

Odour

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characteristic

Safety characteristics

Melting point/freezing point :	>	220 °C
Decomposition temperature :	>	280 °C
Flash point :		not applicable
Auto-ignition temperature :	>	400 °C
Density :	(20 °C)	1,28 - 1,5 g/cm ³

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Styrene Hydrogen cyanide (hydrocyanic acid) Carbon monoxide Nitriles Carbon dioxide (CO₂) Phosphorus compounds Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No information available.

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Before self-disposal of the waste, it is necessary to determine whether transfer duties or sell obligations are observed. Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)". Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number or ID number

No information available.

14.2 UN proper shipping name

No information available.

14.3 Transport hazard class(es)

No information available.

14.4 Packing group

No information available.

14.5 Environmental hazards

No information available.

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Relevant H- and EUH-phrases (Number and full text)

None

16.5 Training advice

None

16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day

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knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
