

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.08.2008

Revision: 18.08.2008

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** ROMILOY 9170 ... (PC+ABS-FR)
- **Article number:** 15F577.
- **Application of the substance / the preparation**
Synthetic resin for industrial transformation to/application in articles with injection moulding or extrusion.
- **Manufacturer/Supplier:**
ROWA Group
ROMIRA GmbH
Siemensstrasse 1-9
D-25421 Pinneberg
Tel.: +49(0)4101/706-03
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- **Further information obtainable from:**
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- **Information in case of emergency:**
Romira GmbH
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2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 5945-33-5	4,4'-(ISOPROPYLIDENDIPHENYL) bis(DIPHENYL PHOSPHAT) R 53	10-25%
CAS: 115-86-6 EINECS: 204-112-2	triphenyl phosphate  N; R 50/53	≤ 2,5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
Protect unharmed eye.
Seek medical treatment.
- **After swallowing:** Seek medical treatment.

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5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
In case of fire, the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Hydrogen cyanide (HCN)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Send for recovery or disposal in suitable receptacles.
Dispose of the material collected according to regulations.
- **Additional information:**
See Section 7 for information on safe handling.
No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Provide suction extractors if dust is formed.
Any unavoidable deposit of dust must be regularly removed.
Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.
No special measures required.
- **Information about fire - and explosion protection:**
Dust can combine with air to form an explosive mixture.
Wear shoes with conductive soles.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Not required.

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· Protection of hands:*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***· Material of gloves***The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***· Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye protection:** Not required.**· Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form:	Solid Granulate
Colour:	According to product specification
Odour:	Characteristic

· Change in condition**Melting point/Melting range:** 110 - 140°C**Boiling point/Boiling range:** Undetermined.**· Flash point:** Not applicable.**· Ignition temperature:** > 300°C**· Decomposition temperature:** > 280°C**· Self-igniting:** Product is not selfigniting.**· Danger of explosion:** Product does not present an explosion hazard.**· Density at 20°C:** 1,17 g/cm³**· Solubility in / Miscibility with water:** Insoluble.**· Solvent content:****Organic solvents:** 0,0 %**· Solids content:** 100,0 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**· Dangerous reactions***As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.***· Dangerous decomposition products:***Poisonous gases/vapours**Hydrogen cyanide (prussic acid)**Carbon monoxide**Styrene*

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Nitrile
Nitrogen oxides (NOx)

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11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:**
Sensitizing effect through inhalation is possible by prolonged exposure.
Sensitizing effect by skin contact is possible by prolonged exposure.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation**
Can be reused after reprocessing.
Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.

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The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

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.

· Relevant R-phrases

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

· * Data compared to the previous version altered.

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