

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

- **Product details**
- **Trade name:** PiMC 1221-870C, PiMC 1221-871F, PiMC 1221-872I, PiMC 1221-874E, PiMC 1221-875D, PiMC 1221-878H, PiMC 1221-888D
- **Registration number**
REACH-registration for preparations is unnecessary. The ingredients are registered. or preregistrated.
- **Application of the substance / the preparation** Multicomponent coating material
- **Manufacturer/Supplier:**
SYNRES-ALMOCO BV.
Hoek van Holland
The Netherlands
Tel.No.: ++31(0)174/389999
Fax.No.: ++31(0)174/389988
- **Further information obtainable from:**
Chemical division/Health and safety department
Tel. : +49 (0)621-5618-0
Fax : +49 (0)621-5618-397
Reference partners :
Email : gohler@raschig.de, rreinke@raschig.de
- **Information in case of emergency:**
Tel.: ++49(0)621/5618-413/414, 24 hours (Plant fire department)
Chemtrec International + 1-703-527-3887, 24 h

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
Not a hazardous material, according to EU guide lines/Dangerous goods regulations
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements** Void
- **Response:**
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- **Storage:**
Store in accordance with local/regional/national/international regulations.
- **Disposal:**
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Resin mixture with colouring agents
- **Dangerous components:** Void
- **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.

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according to 1907/2006/EC, Article 31

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
In case of irritation consult an oculist .
- **After swallowing:** Rinse out mouth and then drink plenty of water.

5 Fire-fighting measures

- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Carbon monoxide and carbon dioxide
Danger of forming toxic pyrolysis products.
- **Protective equipment:**
Wear fully protective suit.
Do not inhale explosion gases or combustion gases.
Self-contained respiratory protective device.
- **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:** Avoid formation of dust.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Development and deposition of dust has to be avoided.
Provide suction extractors if dust is formed.
- **Information about fire - and explosion protection:**
Protect against electrostatic charges.
Dust can combine with air to form an explosive mixture.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
- **Recommended storage temperature:** 10-20°C

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
Take appropriate measures against dust.

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- **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 inhale dust.
don't smoke.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Recommended filter device for short term use:** Filter FFP1
- **Protection of hands:** Protective gloves
- **Material of gloves**
Nitrile rubber, NBR
Recommended material strength: ≥ 0.11 mm
- **Penetration time of glove material** Penetration time ≥ 8 h
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· General Information

Form:	Powder
Colour:	Different according to colouring
Odour:	Nearly odourless

· Change in condition

Melting point/Melting range:	80-90°C
Boiling point/Boiling range:	Dec. °C

· **Flash point:** n.a. °C

· **Self-igniting:** Product is not selfigniting.

· **Density at 20°C:** 1.3-1.5 g/cm³

· **Bulk density at 20°C:** 600-700 kg/m³

· **Solubility in / Miscibility with water:** Insoluble.

· **Additional information:**
VOC European Union % 0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
Carbon monoxide and carbon dioxide

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Danger of forming toxic pyrolysis products.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:**
No irritating effect.
Mechanical irritation possible
- **Additional toxicological information:**
After years of appropriate handling, no health problems have been observed.

12 Ecological information

- **Other information:** *The product is difficultly biodegradable.*
- **Behaviour in environmental systems:**
- **Mobility and bioaccumulation potential:**
The bio accumulation potential is considered to be negligible
- **Other information:** *Do not let it reach any body of water*
- **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Water hazard class 1 (Self-assessment): slightly hazardous for water (Germany)
According to appendix 4 VwVwS (German regulation)

13 Disposal considerations

- **Product:**
- **Recommendation :**
Disposal considering to the local / regional / national / international regulations. Details have to be arranged with the authority concerned and / or the local waste management enterprise.
- **Uncleaned packaging:**
- **Recommendation:**
Non contaminated packagings may be recycled.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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:** -

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· UN "Model Regulation": -

15 Regulatory information

- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Safety phrases:**
22 Do not breathe dust.
- **National regulations:**
- **Information about limitation of use:**
*Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.*
- **Breakdown regulations:** Breakdown Directive : Not Part of Annex I (German Regulation)
- **Technical instructions (air):**
- **Paragraph : / Class :**
*5,2,1 / Germany (German regulation)
5,2,2*
- **Other regulations, limitations and prohibitive regulations**
- **BG-Device : (Germany) Consider BG-device " Static electrification" (Germany)**
- **Substances of very high concern (SVHC) according to REACH, Article 57**

16 Other information

*Further product information see under technical data sheet
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.*

- **Department issuing MSDS:** Chemical division/Health and safety department
- **Contact:** Dr. Ohler (GOhler@raschig.de) / Mr. Reinke (RReinke@raschig.de)
- **Abbreviations and acronyms:**
*ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

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