

Material Safety Data Sheet

PM Xeramic Copper Paste

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : PM Xeramic Copper Paste
Article number : 20160
Manufacturer / Supplier : Petromark Automotive Chemicals BV
 Lijndenweg 25a
 PO Box 294
 1940 AG Beverwijk
 The Netherlands
 +31 (0)251 211397

Further information obtainable from : Research & Development / r.tetteroo@petromark.nl
Information in case of Emergency : Tel: +31(0)251-211397 (only at office hours 9:00 - 17:30)

2. HAZARDS IDENTIFICATION

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv. 67/548/EEC .

Hazard designation : -

3. COMPOSITION / INFORMATION ON INGREDIENTS

None.

Hazardous components : -

4. FIRST AID MEASURES

General Advice : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. For further information refer to "specifications about toxicology".

First aid:
- After contact with skin : Immediately remove all contaminated clothing. Wash away with soap and water and rinse.
- After contact with the eyes : Remove contact lenses, keep eyelids open. Flush with plenty of water (10 15 min.). Call a physician.
- After ingestion : Drink plenty of water. Call a physician. Keep at rest.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol resistant foam, CO2, powders, water spray.
Unsuitable extinguishing media : Waterjet.
Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged : In case of fire do not breathe fumes.
Special protective equipment : No particular measures required.
Additional information : Cool endangered containers with water in case of fire.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Refer to protective measures listed in sections 7 and 8.
Environmental precautions	: If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.
Methods for cleaning up	: Remove mechanically, take-up residues with absorbing material. Wash away.

7. HANDLING AND STORAGE

Information for safe handling	: Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.
Requirements to be met by store rooms and containers	: Containers should be kept dry and sealed.
Information about separation of incompatible products	: Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
Further information about storage conditions	: Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.
Storage class (VCI)	: 12

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about engineering measures	: No Particular measures required.
Personal protective equipment	
Respiratory protection	: None, but avoid breathing vapours if possible.
Eye protection	: No particular measures required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Relevant safety data	
Physical state	: Solid.
Odour	: Characteristic.
Colour	: Copper.
Boiling point/range (1013 hPa)	: Inapplicable.
Flash point	: Inapplicable.
Vapour pressure (50 °C)	: < 1000 hPa.
Density (20 °C)	: ca. 1 g/cm ³ .
Solubility in water (20 °C)	: Inapplicable.
Viscosity (20 °C)	: not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid	: Stable under recommended storage and handling conditions (See section 7).
Materials to avoid	: Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Hazardous decomposition products	: Occurs only when boiling point is reached.

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11. TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC). This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

12. ECOLOGICAL INFORMATION

Do not empty the product into drains and waters without primary treatment and do not store on public depositories.

13. DISPOSAL CONSIDERATIONS

In accordance with local official regulations.

14. TRANSPORT INFORMATION

Land transport ADR/RID

Classification : Not subject to ADR/RID.

Class :

Maritime transport IMDG/GGVSea

Classification : Not subject to IMDG code.

IMDGCode :

Air transport ICAOTI and IATADGR

Classification : Not subject to IATA regulations.

Class :

15. REGULATORY INFORMATION

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv. 67/548/EEC .

National regulatory information

Water pollution classification

Class : - according VwVwS

16. OTHER INFORMATION

Other information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions.

Further information : r.tetteroo@petromark.nl

The contents and format of this MSDS are in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

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