

Material Safety Data Sheet

PM Xeramic Alu-Chrome Polish

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

Product name : PM Xeramic Alu-Chrome Polish
Article number : 20421
Manufacturer / Supplier : Petromark Automotive Chemicals BV
 Lijndenweg 25a
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 The Netherlands
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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

Classification : Flammable
Human health hazards : Repeated exposure may cause skin dryness or cracking. Contains petroleum distillates, may be harmful when ingested.
Physical/chemical hazards : Flammable.
Environmental hazards : Not classified as dangerous on the basis of statutory EC-Directives. See also section 12.
Other information : Keep out of reach of children. If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product description : Preparation.

Information on hazardous Substances:

EC-name	Concentration (w/w) (%)	CAS-number	EC-number	Symbol	R-Phrases
Naphtha petroleum, hydrotreated heavy	30 – 50	64742-48-9	265-150-3	Xn	10-65-66
Ammonia 25 %	1 – 5	1336-21-6	215-647-6	C, N	34-50
Potassium stearate	1 – 5	593-29-3	209-786-1	Xi	36/38
Potassium palmitate	1 – 5	2624-31-9	220-088-6	Xi	36/38
Fatty acids, vegetable-oil, unsatd. Potassium salts	1 – 5			Xi	36/38

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

4. FIRST AID MEASURES

Effects and symptoms

Inhalation : May cause headache, drowsiness, dizziness and a feeling of sickness.
Skin contact : Repeated exposure may cause skin dryness or cracking.
Eye contact : May cause stinging of eyes and redness.
Ingestion : May cause a feeling of sickness, vomiting, stomach-ache and diarrhoea.

First aid measures

Inhalation : Move victim into fresh air. Seek medical advice.

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- Skin contact** : Take off contaminated clothing. Wash skin off with plenty of water and soap before product dries up. If irritation persists, consult a doctor.
- Eye contact** : Wash out with (luke warm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion** : Do not induce vomiting. Give nothing to drink. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media**
- Suitable** : CO₂, foam, water fog or dry chemical.
- Not suitable** : Water jet
- Special exposure hazards** : None known.
- Hazardous thermal (de)composition products** : Carbon monoxide may be evolved if incomplete combustion occurs.
- Special protective equipment for fire-fighters** : Use adequate respiratory equipment in case of insufficient ventilation.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Keep away from sources of ignition. See also section 8.
- Environmental precautions** : Avoid release of product into sewers, surface water and/or ground water.
- Methods for cleaning up** : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

7. HANDLING AND STORAGE

- Handling** : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Keep away from sources of ignition and direct sunlight. No smoking. Avoid contact with eyes and skin. Do not inhale vapours.
- Storage** : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C) separated from oxidizing substances. Protect from sunlight.
- Recommended packaging** : Keep only in the original container.
- Use** : Use only as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
- Hygienic measures** : Do not eat, drink or smoke during use.
- Occupational exposure limits** : Occupational exposure limits have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name		EC	UK	CEFIC-HSPA advice
Naphtha petroleum, hydrotreated heavy.	TWA 8 hour	-	-	1200
	STEL 15 min.	-	-	
Ammonia	TGG 8 hour	14	18	
	TGG 15 min.	36	25	

- Personal protective equipment** : The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

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Body protection	: Use of specific protective industrial clothing is not required under normal conditions of use. See also under additional information.
Respiratory protection	: Take care of sufficient ventilation. Wear a gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140, in case of large scale exposure.
Hand protection	: Under normal conditions of use specific gloves are not required. See also under additional information.
Eye protection	: Wear appropriate safety glasses when there is danger of possible eye contact.
Additional information:	
Protective clothing	: In case of large scale exposure wear nitril protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345.
Safety gloves	: Wear nitril gloves in case of frequent or prolonged use and in case of large scale exposure. Indication of permeation breakthrough time: Indication of permeation breakthrough time: > 6 hours (naphtha).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Paste
Colour	: Light brown
Odour	: Characteristic
pH	: Not known
Solubility in water	: Soluble
Solubility in fat	: Not known
Partition coefficient (n-octanol/water)	: Not applicable
Flash point	: ± 48°C (PMcc)
Auto ignition temperature	: Not applicable
Boiling point/ boiling range	: > 100 °C
Melting point / melting range	: Not known
Explosive properties	: Not applicable
Oxidizing properties	: Not applicable
Decomposition temperature	: Not applicable
Viscosity (20°C)	: > 20000 cSt
Vapour pressure (20°C)	: Not known
Relative density (20°C)	: 1,1 kg/l
Evaporation rate	: Not known (n-butyl acetate = 1)

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: See section 7.
Materials to avoid	: Keep away from oxidizing substances.
Hazardous decomposition products	: None known.

11. TOXICOLOGICAL INFORMATION

Toxicological information:

Chemical name	Toxicity (mg/kg or mg/m3)	Irritation	Sensitization
Naphtha (petroleum), hydrodesulfurized heavy	LD50: > 5000 (rat, oral) LD50: > 3160 (rabbit, dermal) LC50: > 12000 (rat, inh.)	Moderately irritating (skin) Not irritating (eyes)	Not sensitizing

No toxicological research has been carried out on this product.

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Inhalation	: Vapours may cause drowsiness and dizziness. Stinging of respiratory airways possible when vapour concentrations exceed threshold limits.
Skin contact	: Because of its defatting properties prolonged and repeated exposure may cause skin dryness and cracking.
Eye contact	: Slight irritation possible.
Ingestion	: Ingestion may cause vomiting, nausea and diarrhoea. After ingestion, at vomiting, risk of aspiration in the lungs.

12. ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.

Ecotoxicity	: No ecotoxicological information available.
Mobility	: Spilled product can penetrate into the ground and get into the surface water and ground water.
Persistence – degradability	: Data on the biodegradation of this product are not available. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.
Bio accumulative potential	: No specific information known.

13. DISPOSAL CONSIDERATIONS

Product residues	: Do not dispose empty pack with regular household waste. Treat product residues and nonempty pack as hazardous waste.
European waste	: Dispose hazardous waste in accordance with Directive 91/689/EEC under catalogue acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
Comment	: Attention is drawn to the possible existence of mandatory and regulatory communal, national or local requirements governing disposal of waste.

14. TRANSPORT INFORMATION

UN number	: UN 1993
Transport name	: FLAMMABLE LIQUID, N.O.S. (hydrocarbons)

Land (road / railway)	
ADR/RID class	: 3
Classification code	: F1
Packaging group	: III



Sea	
IMDG class	: 3
Packaging group	: III
EmS (fire / spill)	: F-E / S-E
Marine pollutant	: No

Air	
IATA class	: 3

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15. REGULATORY INFORMATION

Community regulations : EC classification (67/548/EEC - 99/45/EC) and other regulations
Hazard symbols : none
R- and S-phrases : R10 Flammable.
R66 Repeated exposure may cause skin dryness or cracking.
S2 Keep out of reach of children. S46 If swallowed, seek medical advice immediately and show this container or label.

Other information : This product is exempted from classification as "Harmful: may cause lung damage if swallowed" on basis of point 3.2.3 of Annex VI of Directive 67/548/EEC.

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (w/w) (%)
Aliphatic hydrocarbons	> 30
Soap	5 – 15

16. OTHER INFORMATION

The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC dated 27 July 2001 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 2:

R10 Flammable.
R34 Causes burns.
R36/38 Irritating to eyes and skin.
R50 Very toxic to aquatic organisms.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

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