

Safety Data Sheet

This safety Data sheet has been prepared in accordance with REACH Regulation (EC)1907/2006 and its modifications

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

1.1 Product Name: Minerelle Polishing Cream

1.2 Use of substance/preparation
Industrial Use

1.3 Company /undertaking identification

Minerelle Composites Limited
7 Ballingall Park
Balgeddie
Glenrothes
Fife
KY6 3QT
Website www.minerelle.co.uk
E-mail info@minerelle.co.uk

1.4 Emergency Telephone Number
Tel: 0044(0)7770 542688

2. HAZARDS IDENTIFICATION

Risk phrases

R67 Vapours may cause drowsiness and dizziness.

Other hazards

Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Minerelle Polishing Cream				
Non-hazardous ingredients	Mixture		50 - 60	
White mineral oil (petroleum)	8042-47-5	EINECS 232-455-8	5 - 15	Xn:R65; R53
Aluminium oxide	1344-28-1	EINECS 215-691-6	3 - 8	
2-Hydroxyethyl ricinoleate	106-17-2	EINECS 203-369-8	1 - 6	

Please see section 16 for the full text of any R Phrases referred to under heading 3 of this safety data sheet

Please refer to section 15 for the any applicable Notas that have been applied to the above components

4. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Inhalation

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

Skin contact

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. If signs/symptoms develop, get medical attention. Wash contaminated clothing and clean shoes before reuse.

Eye contact

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Ingestion

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide).

Unsuitable extinguishing media

Special exposure hazards

Combustible liquid and vapour. Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

Special instructions for firefighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment and a self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode.

Environmental procedures

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Methods for cleaning up

Please observe precautions from other sections of this Safety Data Sheet. Contain spill. Working from around the edges of the spill inward, cover with vermiculite or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet.

7. HANDLING & STORAGE

7.1 Handling

For industrial or professional use only. Do not breathe vapours. Do not breathe dust. Avoid skin contact. Avoid eye contact with vapours, mists, or spray. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. No smoking while handling this material. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid contact with oxidising agents.

7.2 Storage

Store away from acids. Store away from heat. Store out of direct sunlight. Store away from areas where product may come into contact with food or pharmaceuticals. Store away from oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Aluminium oxide	1344-28-1	Health and Safety Comm. (UK)	TWA(inhalable dust): 10 mg/m ³ TWA(respirable dust):4 mg/m ³	

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2 Exposure controls

8.2.1 Occupational exposure controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.

Respiratory protection

Do not breathe vapours. Do not breathe dust.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half face piece or full-face air-purifying respirator with organic vapour cartridges and P3 particulate prefilters.

Consult a suitable "Respiratory Selection Guide" from a reputable source such as 3M for additional information.

Hand protection

Gloves made from the following material(s) are recommended:
Fluoroelastomer (Viton).
Nitrile rubber.

Eye/face protection

Avoid eye contact with vapours, mists, or spray.
The following eye protection(s) are recommended: Indirect vented goggles.

Skin protection

Avoid skin contact.
Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.
Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Ingestion

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.2.2 Environmental exposure controls

No data available.

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 General information

Physical state	Liquid.
Appearance/Odour	Slight Hydrocarbon Odor; White Color

9.2 Important health safety and environmental information

pH	8.4 - 9.2
Boiling point/boiling range	No data available.
Melting point	Not applicable.
Flammability (solid, gas)	Flammable Liquid: Category 4.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	64 °C [Test Method: Closed Cup]
Flammable limits - LEL	0.8 %
Flammable limits - UEL	6 %
Vapour pressure	No data available.
Relative density	0.960 - 0.990 [Ref Std:WATER=1]
Water solubility	Complete
Partition coefficient: n-octanol/water	No data available.
Evaporation rate	4.4 [Ref Std:ETHER=1]
Vapour density	1.0 [Ref Std:AIR=1]
Viscosity	9 - 12 Pa-s [@ 25 °C]
Density	0.975 - 0.995 g/ml

9.3 Other information

Volatile organic compounds (VOC)	No data available.
Percent volatile	70.00 %
VOC less H2O & exempt solvents	No data available.

10. STABILITY & REACTIVITY

Stable. Hazardous polymerisation will not occur.

10.1 Conditions to avoid

Heat.

10.2 Materials to avoid

Strong oxidising agents.
Strong acids.

10.3 Hazardous decomposition products

Substance	Condition
Hydrocarbons.	Not specified.
Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.

11. TOXICOLOGICAL INFORMATION

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Prolonged or repeated exposure may cause: Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

May be absorbed following inhalation and cause target organ effects.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Eye contact

Mild eye irritation: Signs/symptoms may include redness, pain and tearing.

Skin contact

Moderate skin irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

Other health effects

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

GHS Chronic 4: May cause long lasting harmful effects to aquatic organisms. (No product or component test data available.)

12.2 Mobility

Please contact Minerelle Composites Limited for more details.

12.3 Persistence and degradability

No test data available.

12.4 Bioaccumulative potential

No test data available.

12.5 Results of PBT assessment

No data available at this time, contact Minerelle Composites Limited for more details.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste disposal method: Incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Since regulations vary, consult applicable regulations or authorities before disposal.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of Minerelle Composites Limited, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

14. TRANSPORTATION INFORMATION

Minerelle Polishing Cream

Not hazardous for transportation

15. REGULATORY INFORMATION

Symbols

None.

Contains:

Risk phrases

R67 Vapours may cause drowsiness and dizziness.

Safety phrases

S15	Keep away from heat.
S23A	Do not breathe vapour.
S36/37	Wear suitable protective clothing and gloves.
S24	Avoid contact with skin.
S62	If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or Label.

Special provisions concerning the labelling of certain substances

Restricted to professional users.

Notes on labelling

R65 is not required on the label due to the product's viscosity.

Nota P applied to CAS 8052-41-3.

16. OTHER INFORMATION

List of relevant R-phrases

R53 May cause long-term adverse effects in the aquatic environment.

R65 Harmful: May cause lung damage if swallowed.

Restrictions on use

For industrial or professional use only.

Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact Minerelle Composites Limited for more information.

Revision information:

Not applicable.

DISCLAIMER: The information on this Safety Data Sheet is based on Minerelle Composites Limited's experience and is correct to the best of Minerelle Composites Limited's knowledge at the date of publication. Minerelle Composites Limited does not accept liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.