

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: SHERAPOL 701**
- **Article number: 954101**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.
- **Application of the substance / the mixture:** Universal polishing paste.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SHERA Werkstoff-Technologie GmbH
Espohlstraße 53
D-49448 Lemförde
GERMANY
sdb@shera.de
+ 49 (0) 54 43 - 9933 - 0
- **Further information obtainable from:** Department of product security.
- **1.4 Emergency telephone number:**
+49 5443 9933-0 This number is serviced during office hours.
Opening times: Monday to Thursday from 8 am - 5 pm, Friday from 8 am - 3 pm.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:**
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Void.
- **Hazard pictograms:** Void.
- **Signal word:** Void.
- **Hazard statements:** Void.
- **Additional information:**
Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|---|---|--------|
| EC number: 926-141-6 Reg.nr.: 01-2119456620-43 | Hydrocarbons C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics Asp. Tox. 1, H304 | 5-<10% |
| EC number: 917-488-4 Reg.nr.: 01-2119458943-27 | Hydrocarbons C13-C15 n-alkanes, isoalkanes, cycloalkanes, <2% aromatics Asp. Tox. 1, H304 | 1-<5% |
| EC number: 918-973-3 Reg.nr.: 01-2119458871-30 | Hydrocarbons, C13-C16, isoalkanes, cycloalkanes, <2% aromatics Asp. Tox. 1, H304 | 1-<5% |
| EC number: 920-107-4 Reg.nr.: 01-2119453414-43 | Hydrocarbons, C12-C15, n-alkane, isoalkanes, cyclenes, <2% aromatics Asp. Tox. 1, H304 | 1-<5% |

(Contd. on page 2)

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 1)

CAS: 1308-38-9

EINECS: 215-160-9

Reg.nr.: 01-2119433951-39

dichromium trioxide

substance with a Community workplace exposure limit

<1%

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

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Wash with water and soap.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Avoid eye friction.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

- **5.3 Advice for firefighters** No data available.

- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust.

Do not breathe dust.

Wear protective clothing.

- **6.2 Environmental precautions** Do not allow product to reach sewage system or any water course.

- **6.3 Methods and material for containment and cleaning up**

Pick up mechanically.

Dispose of the material collected according to regulations.

- **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**

Ensure that suitable extractors are available on processing machines

The usual precautionary measures are to be adhered to when handling chemicals.

- **Information about fire - and explosion protection:** No special measures required.

(Contd. on page 3)

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 2)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool dry place.
- **Information about storage in one common storage facility:**
Do not store together with:
Explosive materials.
Store away from oxidising agents.
Store away from foodstuffs.
- **Further information about storage conditions:**
Store in a dry place.
Protect from heat and direct sunlight.
- **Storage class:** TRGS 510: 13 (Non-flammable solid).
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

1308-38-9 dichromium trioxide

| | |
|---------------------|---|
| WEL (Great Britain) | Long-term value: 0.5 mg/m ³ as Cr |
| AGW (Germany) | Long-term value: 2 E mg/m ³ 1(l);10, EU |
| IOELV (EU) | Long-term value: 2 mg/m ³ as Cr |

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Do not breathe dust.
Ensure good ventilation / exhaustion at the workplace.
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Hand protection**
In case of direct skin contact where friction may arise protective gloves should be used.
In order to avoid injuries, we recommend that protective gloves are not worn when using polishing units.
The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. 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.
Fluorocarbon rubber (Viton)
Butyl rubber, BR
Chloroprene rubber, CR
- **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.

(Contd. on page 4)

GB

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 3)

· Eye/face protection Safety glasses.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

| | |
|--|------------------------------------|
| · Colour: | Green |
| · Odour: | characteristic |
| · Melting point/freezing point: | 42-46 °C |
| · Boiling point or initial boiling point and boiling range | 200-240 °C |
| · Flammability | Not determined. |
| · Lower and upper explosion limit | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Flash point: | Not determined. Not applicable. |
| · Decomposition temperature: | Not determined. |
| · pH | Not applicable. |
| · Viscosity: | |
| · Kinematic viscosity | Not applicable. |
| · Dynamic: | Not applicable. |
| · Solubility | |
| · water: | Insoluble. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure: | Not applicable. |
| · Density and/or relative density | |
| · Density: | Not determined. |
| · Relative density | Not determined. |
| · Vapour density | Not applicable. |

· 9.2 Other information

| | |
|---|---|
| · Appearance: | |
| · Form: | Solid |
| · Important information on protection of health and environment, and on safety. | |
| · Ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Solvent content: | |
| · VOC (EC): | 0.00 % |
| · Solids content: | 65-75 % |
| · Change in condition: | |
| · Evaporation rate | Not applicable. |

· Information with regard to physical hazard classes

| | |
|---|-------|
| · Explosives | Void. |
| · Flammable gases | Void. |
| · Aerosols | Void. |
| · Oxidising gases | Void. |
| · Gases under pressure | Void. |
| · Flammable liquids | Void. |
| · Flammable solids | Void. |
| · Self-reactive substances and mixtures | Void. |
| · Pyrophoric liquids | Void. |
| · Pyrophoric solids | Void. |

(Contd. on page 5)

Safety data sheet according to UK REACH

Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 4)

- | | |
|--|-------|
| · Self-heating substances and mixtures | Void. |
| · Substances and mixtures, which emit flammable gases in contact with water | Void. |
| · Oxidising liquids | Void. |
| · Oxidising solids | Void. |
| · Organic peroxides | Void. |
| · Corrosive to metals | Void. |
| · Desensitised explosives | Void. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No data available.
- **10.2 Chemical stability** Stable under normal storage and handling conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
 Reacts with oxidising agents.
 Reacts with reducing agents.
- **10.4 Conditions to avoid**
 Protect from direct sunlight.
 Protect against UV light.
- **10.5 Incompatible materials**
 Oxidizing agents.
 Reducing agents.
- **10.6 Hazardous decomposition products**
 Can be released in case of fire:
 Carbon dioxide (CO₂).
 Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

Hydrocarbons C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

| | | |
|------------|----------|--------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) |
| Dermal | LD50 | >5,000 mg/kg (Rat) |
| Inhalative | LC50/4 h | >20 mg/l (Rat) |

Hydrocarbons C13-C15 n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

| | | |
|--------|------|--------------------------------|
| Oral | LD50 | >15,000 mg/kg (Rat) (OECD 401) |
| Dermal | LD50 | >5,000 mg/kg (Rat) (OECD 403) |

1308-38-9 dichromium trioxide

| | | |
|------|------|--------------------|
| Oral | LD50 | 10,000 mg/kg (Rat) |
|------|------|--------------------|

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

(Contd. on page 6)

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 5)

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Hydrocarbons C13-C15 n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

LL50 (96h) >1,000 mg/l (Fish) (OECD 203)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

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

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation:**

Waste disposal according to official state regulations.

Do not empty into drains in a concentrated form.

· **Waste disposal key:**

The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

Void.

· **ADN**

Void.

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA**

Void.

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**

· **Class**

Void.

· **ADN/R Class:**

Void

· **14.4 Packing group**

· **ADR, IMDG, IATA**

Void.

(Contd. on page 7)

Safety data sheet according to UK REACH



Printing date 26.03.2026

Version number 3 (replaces version 2)

Revision: 24.03.2026

Trade name: SHERAPOL 701

(Contd. of page 6)

- | | |
|---|-----------------|
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void. |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations:**

- **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

- **Relevant phrases**

H304 May be fatal if swallowed and enters airways.

- **Department issuing SDS:** Department of product security.

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

- *** Data compared to the previous version altered.**