

MATERIAL SAFETY DATA SHEET GELOSOPHY SOAK OFF MAT TOP GEL

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Gelosophy soak off mat top gel
 Use of substance / mixture: NAIL CARE
 Item number : 1210811002

Details of the supplier of the safety data sheet:

Company name: WWBD group
 De Run 4221
 5503 LM Veldhoven
 The Netherlands
Tel: +31 (0) 40 -2069509
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Email: regulatory@wwbdgroup.com

Emergency tel: National Poison Centre Netherlands tel: +31 (0)30 – 2748888 'Only for the purpose of informing medical personnel in cases of acute intoxications'.

SECTION 2. HAZARDS IDENTIFICATION

2.1. Emergency overview

Product definition : Mixture


Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1,

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the R phrases or H statements declared above. See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictogram	
Signal word	Danger
Hazard statements	H225-Flammable liquid. H319-Causes serious eye irritation. Causes skin irritation. H225-Flammable liquid. STOT SE3-May cause drowsiness or dizziness.
Precautionary statements	
General	Not applicable
Prevention	Obtain special instructions before use. Wear protective gloves. Wear eye or face protection. Wear protective clothing
Response	IF exposed or concerned: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes
Storage	Store locked up
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations
Supplemental label elements	Not applicable
Annex XVII - Restrictions on the manufacture,	Not applicable

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placing on the market and use of certain dangerous substances, mixtures and articles	
Special packaging requirements	
Containers to be fitted with child-resistant fastenings	Not applicable
Tactile warning of danger	Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Product/ingredient name	INCI Name	Identifiers	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Type
Ethyl acetate	Ethyl acetate	CAS 141-78-6	25 – 50	H225, H336, H319	
N-butyl acetate	Butyl Acetate	CAS 123-86-4	20-25	H226, H336	
Nitrocellulose membrane	Nitrocellulose	CAS 9004-70-0	5-15	H201	
Propan-2-ol	Isopropyl alcohol	CAS 67-63-0	1-5	H225, H319, H336	
n-butanol	N-Butyl Alcohol	CAS 71-36-3	0-1	H226, H302, H315, H318, H335, H336	GHS02, 05, 07
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	TPO	CAS 75980-60-8	≤5	H361f	GHS08

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention
Skin contact	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours
Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious

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	person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects	
Eye contact	Causes serious eye irritation
Inhalation	No known significant effects or critical hazards
Skin contact	Causes skin irritation. May cause an allergic skin reaction
Ingestion	No known significant effects or critical hazards
Over-exposure signs/symptoms	
Eye contact	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	
Skin contact	
Ingestion	

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours
Specific treatments	No specific treatment

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Dry Chemical, Foam, Carbon Dioxide
Unsuitable extinguishing media	Water Spray

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	Do not use water, since this product will float on top of the water, causing spreading of the fire.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides

5.3 Advice for firefighters

Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents

Flash Point: 10 C, Method TCC

Flammable Limits in Air % - LEL: 1, UEL: 13

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment
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For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel"
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6.2 Environmental precautions

	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
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6.3 Methods and materials for containment and cleaning up

Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor
Large spill	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information

SECTION 7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1. Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Shield UV light sources. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination
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7.3. Specific end use(s)

Recommendations	Not available
Industrial sector specific solutions	Not available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases

8.1. Engineering Controls

Engineering controls	No exposure limit value known
Recommended monitoring procedures	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2. Personal Protective Equipment

Appropriate engineering controls	: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits
Eye/Face Protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles
Skin Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated
Respiratory Protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Clear to slightly violet viscous liquid
Form	Semi Viscous Liquid
Odor	Characteristic acrylate odor
Boiling Point/Freezing Point	77°C (Ethyl Acetate)
Melting point/range	n/a
Flash point (°F/°C)	7.2°C (Ethyl Acetate) 27°C (Butyl acetate)
PH	n/a
Evaporation rate	(IPA = 1) <1
Vapour pressure	29 mm @ 20 C
Vapour density	(air = 1): 3.04 (Ethyl Acetate)
Solubility In Water	Nil
Specific Gravity	(H2O = 1): 0.85 948 - 0.984
Viscosity	
% Volatile	83 – 88%
Decomposition Temperature	
Ignition	
Octanol/Water Partitioning Coefficient	
Flammable Limit (vol%)	Ethyl Acetate 11 Butyl Acetate 7.6 Isopropanol 12
Auto-ignition Temperature (vol%)	

NDA= No Data Available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity : No specific test data related to reactivity available for this product or its ingredients

10.2. Chemical stability ; The product is stable

10.3. Possibility of hazardous reactions

Hazardous polymerization may occur under certain conditions of storage or use.

These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided

10.4. Conditions to avoid

Storage in temperatures above 30 C. Keep away from any ignition sources.

10.5. Incompatible materials

Acids, Alkali, Metals, amines, Oxidizers.

Keep containers tightly closed when not in use.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	LC50 (Inhalation rat)
Ethyl Acetate	LD50 Oral	Rat	11300 mg/kg	-1600 ppm
Butyl Acetate	LD50 Oral	Rat	11400 mg/kg	- 2000 ppm
Isopropyl Alcohol	LD50 Oral	Rat	5840 mg/kg	- 16000 ppm

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Specific target organ toxicity (single exposure)

Information on the likely routes of exposure	Not available
<u>Potential acute health effects</u>	
Eye contact	Causes serious eye irritation. Prolonged contact can injure the cornea
Inhalation	May cause slight dizziness and headache
Skin contact	Causes skin irritation. May cause an allergic skin reaction
Ingestion	Can cause nausea, and narcosis with weakness, drowsiness and irritation
<u>Symptoms related to the physical, chemical and toxicological characteristics</u>	
Eye contact	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	
Skin contact	
Ingestion	
<u>Delayed and immediate effects and also chronic effects from short and long term exposure</u>	
<u>Short term exposure</u>	
Potential immediate effects	Not available
Potential delayed effects	Not available
<u>Long term exposure</u>	
Potential immediate effects	Not available
Potential delayed effects	Not available
<u>Potential chronic health effects</u>	
General	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels
Carcinogenicity	Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards
Fertility effects	Suspected of damaging fertility

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.3 Bioaccumulative potential

SECTION 13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1. Waste treatment methods

Disposal operations	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction
Hazardous waste	The classification of the product may meet the criteria for a hazardous waste
Packaging	
Methods of disposal	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible
Special precautions	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid

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	dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers
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SECTION 14. TRANSPORT INFORMATION

SECTION 14: Transport information				
	ADR/RID	ADN	IMDG	IATA
14.1 UN number	1263	1263	1263	ID8000
14.2 UN proper shipping name	-Paint related materials	-	-	-Paint related materials
14.3 Transport hazard class(es)	-3	-	-	3
14.4 Packing group	-III	-	-	II
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-Packaging instructions 910 (passanger)

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV	None of the components are listed.
Substances of very high concern	None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable
Other EU regulations	•
Europe inventory	All components are listed or exempted
Priority List Chemicals (793/93/EEC)	Not determined

Product/ingredient name	Carcinogenic effects	Mutagenic effects	Developmental effects	Fertility effects

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TPO	-	-	-	Repr. 2, H361f (Fertility, causing atrophy of the testes)
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Seveso Directive

This product is not controlled under the Seveso Directive.

15.2. State Regulations

This product contains substances for which Chemical Safety Assessments are still required

CA Right-to-Know Law	None
California No Significant Risk Rule	None
MA Right-to-know Law	None
NJ Right-to-know Law	None
PA Right-to-know Law	None
FL Right-to-know Law	None
MN Right-to-know Law	None

SECTION 16. OTHER INFORMATION

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361f (Fertility)	Calculation method Calculation method Calculation method Calculation method

16.1. EU Classes and Risk / Safety phrases for Referenced Ingredients (See Section 2)

Hazard Symbol	Xi – Irritants
Full text of abbreviated H statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation H335 May cause respiratory irritation H361f (Fertility) Suspected of damaging fertility H361f Suspected of damaging fertility. (causing atrophy of the testes) H413 May cause long lasting harmful effects to aquatic life
Full text of classifications [CLP/GHS]	Aquatic Chronic 4, H413 AQUATIC HAZARD (LONG-TERM) - Category 4 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Repr. 2, H361f (Fertility) TOXIC TO REPRODUCTION (Fertility) - Category 2 Repr. 2, H361f (Fertility, causing atrophy of the testes) TOXIC TO REPRODUCTION (Fertility, causing atrophy of the testes) - Category 2 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1 STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Other information:

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