

ORACAL® Long-Lasting Seal for Matt Car Wrapping Films

Print date: 27.06.2016

Product code: 359500024

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

ORACAL® Long-Lasting Seal for Matt Car Wrapping Films

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Automotive care products

Uses advised against

Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

Company name:	ORAFOL Europe GmbH	
	Germany	
Street:	Orafolstraße 2	
Place:	D Oranienburg	
Telephone:	+ 49 3301 864 0	Telefax: + 49 3301 864 100
e-mail:	msds@orafol.de	
Internet:	www.orafol.com	

1.4. Emergency telephone number:

National Poison Information Service: In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements**Regulation (EC) No. 1272/2008****Precautionary statements**

P302+P352	IF ON SKIN: Wash with plenty of Water and soap.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Labelling for contents according to regulation (EC) No. 648/2004: > 30% aliphatic hydrocarbons. Additional information: wax, Polymer preparations and compounds, Paraffin oil.

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (< 0,1 benzene)			> 50 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
	Aminosiloxane			1 - 5 %
	Eye Irrit. 2; H319			

Full text of H and EUH statements: see section 16.

Further Information

Cinematic viscosity (40°C): > 20,5 mm²/s.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from the danger area and lay down.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

Take off immediately all contaminated clothing and wash it before reuse. After cleaning apply high-fat content skin care cream.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Following inhalation: The following symptoms may occur: Headache, Dizziness, Gastrointestinal complaints, Sweating, Drowsiness.

4.3. Indication of any immediate medical attention and special treatment needed

Water, to which activated charcoal may be added. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Extinguishing powder, Water mist, Water spray, Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hydrocarbons Pyrolysis products, toxic The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire

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extinguishing water separately. Do not allow entering drains or surface water. In case of fire and/or explosion do not breathe fumes. Burning produces heavy smoke.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ventilate affected area.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid: Generation/formation of aerosols.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Advice on storage compatibility

Do not store together with: Oxidising agent

Further information on storage conditions

storage temperature: < 30 °C

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. After cleaning apply high-fat content skin care cream.

Eye/face protection

Wear eye/face protection.

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Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: PVC (Polyvinyl chloride), NBR (Nitrile rubber), PVA (Polyvinyl alcohol), Viton.

Unsuitable material: CR (polychloroprene, chloroprene rubber), Butyl caoutchouc (butyl rubber), NR (natural rubber, natural latex).

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: dark beige cloudy

Test method

pH-Value: not determined

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: 185 - 210 °C

Flash point: 66 °C TCC

Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: 0,7 g/m³

Upper explosion limits: 7 g/m³

Ignition temperature: > 200 °C

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidizing.

Vapour pressure: 0,8 hPa
(at 20 °C)

Density (at 20 °C): 0,8 g/cm³

Water solubility: insoluble

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / kinematic: > 20,5 mm²/s
(at 40 °C)

Vapour density: not determined

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Evaporation rate: not determined

Solvent content: > 80

9.2. Other information

Solid content: not determined

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (< 0,1 benzene)			
	oral	LD50 > 15000 mg/kg	Rat	OECD Guideline 401
	dermal	LD50 >= 3160 mg/kg	Rabbit	OECD Guideline 402
	inhalative (4 h) aerosol	LC50 > 5 mg/l	Rat	

Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. After cleaning apply high-fat content skin care cream.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

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CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (< 0,1 benzene)				
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

Not readily biodegradable (according to OECD criteria)

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (< 0,1 benzene)				
	Abiotic degradation Air	80	28		
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No special measures are necessary.

Further information

Avoid release to the environment. The product is: poorly soluble: Water. Mechanical separation in a suitable sewage plant is possible.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

 140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08); waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Water with tenside additive. Completely emptied packages can be recycled.

SECTION 14: Transport information
Land transport (ADR/RID)

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Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Keep container tightly closed.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): > 80 %

2004/42/EC (VOC): > 80 %

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**ADR: Accord européen sur le transport 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 Harmonized 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.



Safety Data Sheet

ORAFOL Europe GmbH
Germany

according to Regulation (EC) No 1907/2006

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H319	Causes serious eye irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)