Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex Ⅱ, as amended by Commission Regulation (EU) 2020/878.

1、Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Gecko Headlight restoration kit (step 3)

UFI : 1H3F-CYXE-M10A-HPQM

1.2. Relevant identified uses of the substance or mixture and uses advised against: It is used for the coating of automobile paint. It is scratch proof, corrosion resistant, high temperature resistant, easy to clean, water repellent, antifouling, anti fading and anti peeling, which can make the paint surface smooth and shiny. Suitable for all kinds of car paint.

Use restriction: do not use in applications that may contaminate food or endanger human health.

1.3. Details of the supplier of the safety data sheet

Maumo International BV
P.O. Box 441
2990 AK Barendrecht Nederland
Info@maumo.nl

1.4. Emergency telephone number

Emergency telephone number: +31 (0) 180 699 234

Intended use: It is used for the coating of automobile paint.

2、Hazards identification

2.1. Classification of the substance or mixture:

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP): No classification for this product.

2.1.2. Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard Pictograms: Not applicable.

Signal Word: Not applicable.

Hazard Statements:

No relevant classification for this product.

Precautionary Statements:P305+P351+P338 if in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

H302: Harmful if swallowed..

H315 Causes skin irritation.

Response Precautionary Statements:

No special requirements.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

No special requirements.

2.3. Other hazards: The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds. **Information of endocrine disrupting substances:**No endocrine disruptors.

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0. 1% or higher.

3、 Composition/information on ingredients

Product description: substance ( ); preparation/mixture (√)

Ingredients/ Components	CAS No.	EC No.	Index No.	% by weight	Classification according to Regulation (EC) No 1278/2008 (CLP).
water	7732-18-5	231-791-2	Not available	80-90%	Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified
Silicon dioxide	7631-86-9	231-545-4	Not available	5-10%	Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified
Polysiloxane	9016-00-6	618-493-1	Not available	5-10%	Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified
Leveling agent	67762-85-0	614-121-7	Not available	0.1-0.5%	Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified
DMDMH	6440-58-0	229-222-8	Not available	0.1-0.3%	Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified

Note: The mixture does not contain endocrine disruptors.

4、First aid measures

4.1. Description of first aid measures:

General notes: No information available.

Following inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Following skin contact: Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

Following eye contact: Remove contact lenses if present and easy to do, continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Self-protection of the first aider: No special requirement.

4.2. Most important symptoms/effects, acute and delayed: Acute effect: Not found. Delayed effect: Not found.

4.3. Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

5、Fire-fighting measures

5.1. Extinguishing Media

Suitable extinguishing media: Use water spray, dry chemicals, carbon dioxide, foam, dry sand for extinction.

Unsuitable Extinguishing Media: High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture: The product is not flammable, and has no special danger.

Hazardous combustion products: It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.

5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material. Keep away from heat and sources of ignition.

Build up dike or dig pit for collection. Spray fog water to cool down and dilute vapor. Dilute the spilled liquid till it is not combustible. Protect the working staff. Collect the spilled material with explosion-proof pump into an appropriate container and transport the waste to the disposal place.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handing:

Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any in compatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room. Long-time direct sunlight and high temperature. Keep out of the reach of children.

Incompatible materials: No information available.

Packaging materials: Glass or plastic bottles.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class

Further information on storage conditions: The storeroom should be equipped with proper facilities for accidental fire.

7.3. Specific end use(s): It is used for the coating of automobile paint.

8. Exposure controls/personal protection

8.1. Control parameters: Commission Directive 98/24/EC and related indicative lists: Not set up

Exposure Controls:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
No ingredients have an exposure limit	Not available	Not available	Not available

8.2. Exposure controls:

8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

8.2.2. Personal protection equipment:

Hand protection:

Recommend wearing protective gloves (e.g. rubber gloves).



Eye protection:

Wear safety glasses when liquid may splash.



Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Body Protection:

Recommend wearing general working clothing.



General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and broken skin.

8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information	
Physical state	Liquid
Colour	Transparent
Particle characteristics	Spray particle size: 50-100nm
Odour	No pungent odor
Odour threshold	No data available
pH	6.0-8.0
Melting point/freezing point	No data available
Initial boiling point and boiling range	100 ℃212 ℉
Flash point	＞100 ℃212 ℉
Evaporation rate	No data available
Flammability (solid, gas)	Non-flammable
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	1.00±0.05 g/cm^3
Solubility (water)	Miscibility
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity（mm^2/s）	Not applicable
Explosive properties	No data available
Oxidizing properties	No data available
VOC	0%

9.2. Other information: Not available.

10. Stability and reactivity

10.1. Reactivity: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.2. Chemical stability: No information available.

10.3. Possibility of hazardous reactions: The product is not flammable, and has no special danger.

10.4. Conditions to avoid: Long-time direct sunlight and high temperature.

10.5. Incompatible materials: No information available.

10.6. Hazardous decomposition products: It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.

11. Toxicological information

11.1. Information on toxicological effects:

Skin corrosion/irritation:	No classification for this product.
Serious eye damage/eye irritation:	No classification for this product.
Respiratory sensitizer:	No classification for this product.
Skin sensitizer:	No classification for this product.
Germ cell mutagenicity:	No classification for this product.
Carcinogenicity:	No classification for this product.
Reproductive Toxicity:	No classification for this product.
Specific target organ toxicity, single exposure:	No classification for this product.
Specific target organ toxicity, repeated exposure:	No classification for this product.
Aspiration hazard:	No classification for this product.
Effects on or via lactation:	No classification for this product.

11.2. Endocrine disruptor information: The mixture does not contain endocrine disruptors.

12. Ecological information

12.1. Toxicity: No data available for the whole product.

12.2. Persistence and Degradability: No data available for the whole product.

12.3. Bioaccumulative Potential: No information available.

12.4. Mobility in Soil: As it is liquid, it can move in soil.

12.5. Results of PBT and vPvB Assessment: This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0. 1% or higher.

12.6. Endocrine disruptor information: The mixture does not contain endocrine disruptors.

12.7. Additional information: No information available.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal:

Incineration or landfill is recommended for waste disposal.

After the contents are completely removed, the container is discarded at the general waste collection point.

Waste codes / waste designations according to LoW

EWC code: 20 01 28

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2. Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3. Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

13.1.4. Other disposal recommendations: Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

14. Transport Information

ADR and RID / Air-Transportation- IATA DGR/ICAO/Sea-Transportation-IMO/IMDG.:

14.1. UN number or ID number: Not applicable.

14.2. UN proper shipping name: Not regulated.

14.3. Transport hazard class (es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Assigned Pictogram: Not applicable.

14.6. Environmental hazards (Marine Pollutant (Yes/No)): No.

14.7. EMS NO.: Not applicable

14.8. Special precautions for user: Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

14.9. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory information

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

The product is classified and labelled according to Regulation (EC)No 1272/2008 and related amending regulations. The safty data sheet, is complied According to Regulation (EU) 2015/830.

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

Germany – WGK: Not classified.

15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Other relevant regulations:

Sara:

Section 355 (extremely hazardous substances): Not listed.

SARA 313: Not listed.

Toxic Substances Control Act (TSCA):

Ingredient (s)	CAS No.	TSCA Inventory
water	7732-18-5	Listed
Silicon dioxide	7631-86-9	Listed
Polysiloxane	9016-00-6	Listed
Leveling agent	67762-85-0	Listed
DMDMH	6440-58-0	Listed

Clean Water Act:

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances
Not applicable	Not applicable	Not listed	Not listed	Not listed

Carcinogenicity categories: Not listed by ACGIH, IARC and NTP.

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

References:

EC No.1907/2006 (REACH)
EC No. 1272/2008 (CLP)
Commission Regulation (EU) 2015/830

For full text of Hazard- and EU Hazard-statements:	
Not applicable.	Not applicable.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	**Classification procedure**
Not applicable.	Not applicable.

Full description of some acronyms:

CAS-Chemical Abstracts Service
EINECS-European Inventory of Existing Commercial Chemical Substances
ADR-European Agreement concerning the International Carriage of Dangerous Goods by Road
RID-Regulations concerning the International Carriage of Dangerous Goods by Rail
IMO-International Maritime Organization
IMDG-International Maritime Dangerous Goods
IATA DGR-International Air Transport Association Dangerous Goods Regulations
ICAO-International Civil Aviation Organization
MARPOL-International Convention for the Prevention of Pollution from Ships
IBC Code-International Code for the Construction and Equipment, of Ships Carrying Dangerous Chemicals in Bulk
TSCA-Toxic Substances Control Act
OSHA-Occupational Safety and Health Administration
ACGIH-American Conference of Governmental Industrial Hygienists

The Issuing date: January 10, 2022
SDS Version: 1

**********The End**********