



OPT.GC100

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Optima Guide Coat Material Safety Data Sheet

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

1.1. PRODUCT IDENTIFIER

Product Form	Mixture
Product Name	Optima Guide Coat
Product Code	OPT.GC100

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1. Relevant identified uses

Use of the substance/mixture : Automotive repair

1.2.2. Uses advised against

No additional information available

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

LKQ Coatings,
Newberry House, Michigan Drive,
Tongwell, Milton Keynes,
Buckinghamshire,
MK15 8HQ, UK

1.4. EMERGENCY TELEPHONE NUMBER

+44 (0)1908 611117
Mon to Fri 08:00 – 17:00

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC (DPD)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. LABEL ELEMENTS

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

No labelling applicable

2.3. OTHER HAZARDS

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCE

Not applicable

3.2. MIXTURE

Name	Powder pigments including Synthetic Iron Oxide α -Fe ₂ O ₃ , Carbon, Dispensing agent
%	100
Classification according to Directive 67/548/EEC	Not classified
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Not classified

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SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

First-aid measures after inhalation	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	Wash skin with mild soap and water.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms/injuries after inhalation	Inhalation may cause: irritation, coughing, shortness of breath.
Symptoms/injuries after skin contact	Repeated or prolonged contact may cause slight irritation to the skin.
Symptoms/injuries after eye contact	Excessive dust production may cause minor eye irritation.
Symptoms/injuries after ingestion	No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media	If there is a fire nearby, use suitable extinguishing agents.
Unsuitable extinguishing media	None known.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Explosion hazard	Product is not explosive.
Hazardous decomposition products in case of	Thermal decomposition generates: Carbon oxides (CO, CO ₂).

5.3. ADVICE FOR FIREFIGHTERS

Firefighting instructions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus. EN469.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures Avoid creating or spreading dust. Dust deposited may be vacuum cleaned.

6.1.1. FOR NON-EMERGENCY PERSONNEL

Protective equipment Avoid contact with skin and eyes. Dust impervious gloves. Chemical goggles or safety glasses.

Emergency procedures Avoid all unnecessary exposure.

6.1.2. FOR EMERGENCY RESPONDERS

Protective equipment Equip cleanup crew with proper protection. Dust impervious gloves. Chemical goggles or safety glasses.

Emergency procedures Collect as much as possible in a clean container for (preferable) reuse or disposal. No additional risk management measures required.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains or the environment.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For containment Recover the product by vacuuming, shovelling or sweeping.

Methods for cleaning up Dust deposited may be vacuum cleaned. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

6.4. REFERENCE TO OTHER SECTIONS

See Heading 8.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

Hygiene measures Always wash your hands immediately after handling this product, and once again before leaving the workplace.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

7.3. SPECIFIC END USE(S)

Automotive repair.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Powder pigments including Synthetic Iron Oxide α -Fe₂O₃, Carbon, Dispensing agent

United Kingdom	Assessed dust without specific effect (other particles, not classified anywhere else) (inhalable dust): 10 mg/m ³ Assessed dust without specific effect (other particles, not classified anywhere else) (respirable dust): 4 mg/m ³
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8.2. EXPOSURE CONTROLS

Appropriate engineering controls	Either local exhaust or general room ventilation is usually required.
Hand protection	Dust impervious gloves. EN374
Eye protection	Where excessive dust may result, wear goggles. EN166
Respiratory protection	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where excessive dust may result, use approved respiratory protection equipment. Use air-purifying respirator equipped with particulate filtering cartridges. Filtering Half-face mask (DIN EN 149)
Environmental exposure controls	Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Black powder
Colour	Black
Odour	Odourless
Odour threshold	No data available
pH	Not applicable
Relative evaporation rate (butyl acetate=1)	Not applicable
Melting point	No data available
Freezing point	No data available

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Boiling point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	Not applicable
Relative vapour density at 20 °C	No data available
Relative density	No data available
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	Not applicable
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. OTHER INFORMATION

VOC content	0%
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SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

Normally stable, even under fire exposure conditions, and not reactive with water.

10.2. CHEMICAL STABILITY

Stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

10.4. CONDITIONS TO AVOID

No additional information available

10.5. INCOMPATIBLE MATERIALS

No additional information available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

- **Acute toxicity** Not classified (Based on available data, the classification criteria are not met)
- **Skin corrosion/irritation** Not classified (Based on available data, the classification criteria are not met)
- **Serious eye damage/irritation** Not classified (Based on available data, the classification criteria are not met)
- **Respiratory or skin sensitisation** Not classified (Based on available data, the classification criteria are not met)
- **Germ cell mutagenicity** Not classified (Based on available data, the classification criteria are not met)
- **Carcinogenicity** Not classified (Based on available data, the classification criteria are not met)
- **Reproductive toxicity** Not classified (Based on available data, the classification criteria are not met)
- **Specific target organ toxicity (single exposure)**
Not classified (Based on available data, the classification criteria are not met)
- **Specific target organ toxicity (repeated exposure)**
Not classified (Based on available data, the classification criteria are not met)
- **Aspiration hazard** Not classified (Based on available data, the classification criteria are not met)
- **Potential adverse human health effects and symptoms**
None under normal conditions.

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Ecology - general:

No ecotoxicological data about this product are known.

12.2. PERSISTENCE AND DEGRADABILITY

No additional information available

12.3. BIOACCUMULATIVE POTENTIAL

No additional information available

12.4. MOBILITY IN SOIL

No additional information available

12.5. RESULTS OF PBT AND vPvB ASSESSMENT

Optima Guide Coat (mixture)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. OTHER ADVERSE EFFECTS

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

European List of Waste (LoW) code:

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

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SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN NUMBER

Not considered a dangerous good for transport regulations

14.2. UN PROPER SHIPPING NAME

- Proper Shipping Name (ADR) Not applicable
- Proper Shipping Name (IMDG) Not applicable
- Proper Shipping Name (IATA) Not applicable
- Proper Shipping Name (ADN) Not applicable
- Proper Shipping Name (RID) Not applicable

14.3. TRANSPORT HAZARD CLASS(ES)

- ADR Transport hazard class(es) (ADR) Not applicable
- IMDG Transport hazard class(es) (IMDG) Not applicable
- IATA Transport hazard class(es) (IATA) Not applicable
- ADN Transport hazard class(es) (ADN) Not applicable
- RID Transport hazard class(es) (RID) Not applicable

14.4. PACKING GROUP

- Packing group (ADR) Not applicable
- Packing group (IMDG) Not applicable
- Packing group (IATA) Not applicable
- Packing group (ADN) Not applicable
- Packing group (RID) Not applicable

14.5. ENVIRONMENTAL HAZARDS

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.1.1. EU-REGULATIONS

Contains no substances with Annex XVII restrictions
 Optima Guide Coat is not on the REACH Candidate List
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

VOC content 0%

15.1.2. NATIONAL REGULATIONS

Germany

Water hazard class (WGK)

nwg – Non-hazardous to water

WGK remark

Classification based on the R-phrases in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out

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SECTION 16: OTHER INFORMATION

Indication of changes:

Revision: Revised format.

Abbreviations and acronyms:

ACGIH	American Conference of Government Industrial Hygienists
CAS	(Chemical Abstracts Service) number
CLP	Classification, Labelling, Packaging.
GHS	Globally Harmonized System (of Classification and Labeling of Chemicals).
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
TWA	Time Weighted Average
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limit

Data sources ACGIH (American Conference of Government Industrial Hygienists).
HSE EU40/2005 Workplace exposure limits.
<http://www.hse.gov.uk/pubns/priced/eh40.pdf>
Internal Company test data.
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Valeurs limites d'exposition professionnelle aux agents chimiques en France.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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