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

- 1.1 Product identifier
- Trade name: CARSYSTEM Dry-Coat-Schwarz
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Not determined
- Application of the substance / the mixture Pigment
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Vosschemie GmbH
  Esinger Steinweg 50
  D-25436 Uetersen
  Phone: +49 (0)4122 717 0; Fax: +49 (0)4122 717158; info@vosschemie.de
- Further information obtainable from:
  Abteilung Labor / +49 (0)4122 717 0
  s.schaller@vosschemie.de
- 1.4 Emergency telephone number:
  Giftinformationszentrum (GIZ)-Nord, Goettingen, Deutschland
  Phone: +49 (0)551 19240

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 CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
   Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

- CAS: 65997-17-3
- EINECS: 266-046-0
- glass, oxide, chemicals <15%

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
   General information:
   Personal protection for the First Aider.
   Immediately remove any clothing soiled by the product.
   No special measures required.
   After inhalation: Supply fresh air; consult doctor in case of complaints.
   After skin contact:
   Use skin protection cream for skin protection.
   If skin irritation continues, consult a doctor.
   Immediately wash with water and soap and rinse thoroughly.
   After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
   After swallowing:
   Rinse out mouth and then drink plenty of water.
   Induce vomiting and call for medical help.

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:
   Use fire extinguishing methods suitable to surrounding conditions.
   CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture
   In case of fire, the following can be released:
   Carbon monoxide and carbon dioxide
   Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters
   Protective equipment:
   Wear fully protective suit.
   Do not inhale explosion gases or combustion gases.
   Wear self-contained respiratory protective device.

Additional information
   Collect contaminated fire fighting water separately. It must not enter the sewage system.
SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.
- 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
  No dangerous substances are released.
  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
  Avoid contact with the eyes and skin.
  Ensure good ventilation/exhaustion at the workplace.
  Prevent formation of dust.
- Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
  Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
  Information about storage in one common storage facility: Keep away from foodstuffs, beverages and feed.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- 8.2 Exposure controls
- Personal protective equipment:
  General protective and hygienic measures:
  Avoid formation of dust.
  Do not eat, drink, smoke or sniff while working.
  Do not inhale dust / smoke / mist.
  Wash hands before breaks and at the end of work.
  Store protective clothing separately.
  Respiratory protection:
  No special procedures required if all workplace limit values are continuously respected.
Use suitable respiratory protective device in case of insufficient ventilation.

Short term filter device:
Filter P2
Filter FFP2

Protection of hands:
To avoid skin problems reduce the wearing of gloves to the required minimum.
Check the permeability prior to each anewed use of the glove.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm
Chloroprene rubber, CR
Recommended thickness of the material: ≥ 0.5 mm
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.

Penetration time of glove material
Value for the permeation: Level ≤ 6 (≥ 480 min.)
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information
Appearance:
Form: Powder
Colour: Black
Odour: Odourless
Odour threshold: Not determined.

pH-value: Not determined.

Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: Not applicable.
## SECTION 10: Stability and reactivity

- **10.1 Reactivity**: No decomposition if used according to specifications.
- **10.2 Chemical stability**: No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**: No dangerous reactions known.
- **10.4 Conditions to avoid**: No further relevant information available.
- **10.5 Incompatible materials**: No further relevant information available.
- **10.6 Hazardous decomposition products**: No decomposition if used and stored according to specifications.

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**:
- **LD/LC50 values relevant for classification**: No further relevant information available.
- **Primary irritant effect**:
  - **on the skin**: Generally the product does not irritate the skin.
  - **on the eye**: No irritating effect.
- **Subacute to chronic toxicity**: No further relevant information available.
- **Additional toxicological information**:
  When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Sensitisation**: No sensitising effects known.
SECTION 12: Ecological information

- 12.1 Toxicity
  - Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability: No further relevant information available.
- 12.3 Bioaccumulative potential: No further relevant information available.
  - Behaviour in environmental systems:
    - 12.4 Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes: Do not allow product to reach ground water, water course or sewage system.
- 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- 12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation: Disposal must be made according to official regulations.
  - Waste disposal key:
    The waste codes given above are to be considered recommendations; because of regional and industrial sector specific features, application of different waste codes is possible.
  - European waste catalogue
    - 08 01 12 waste paint and varnish other than those mentioned in 08 01 11
    - 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
  - Uncleaned packaging:
    - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number
  - ADR, ADN, IMDG, IATA: Void
- 14.2 UN proper shipping name
  - ADR, ADN, IMDG, IATA: Void
- 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA: Void
- 14.4 Packing group
  - ADR, IMDG, IATA: Void
- 14.5 Environmental hazards:
  - Marine pollutant: No
14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information:
Not dangerous according to the above specifications.

SECTION 15: Regulatory information

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

National regulations:

Information about limitation of use:
Employment restrictions concerning pregnant and lactating women must be observed.
Employment restrictions concerning juveniles 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 our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Abteilung Labor
Contact: Frau S. Schaller

Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
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 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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

* Data compared to the previous version altered.