



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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Roller corrective

SDS No. : 707468  
V002.3

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

#### 1.1. Product identifier

Roller corrective

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Correction product, roller

#### 1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

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For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

Further information is available at Poison Control Centers.

Further information is available at Poison Control Centers.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Supplemental information

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

#### 2.3. Other hazards

None if used properly.

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

| Hazardous components<br>CAS-No.<br>EC Number<br>REACH-Reg No.   | Concentration | Classification            | Specific Conc. Limits, M-factors and ATEs | Add. Information |
|---|---------------|---------------------------|---|------------------|
| Titanium dioxide<br>13463-67-7<br>236-675-5<br>01-2119489379-17 | 20- 50 %      | Carc. 2, Inhalation, H351 |   |                  |

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

No data available.

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

See section: Description of first aid measures

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

#### 5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear protective equipment.

Wear self-contained breathing apparatus.

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

Wear protective equipment.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

**6.3. Methods and material for containment and cleaning up**

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

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

No particular measures required.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a dry place.

Storage at 15 to 25°C is recommended.

Store protected from light.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Correction product, roller

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**

Valid for

EEC MSDS-States

None

**Derived No-Effect Level (DNEL):**

| Name on list                   | Application Area   | Route of Exposure | Health Effect                      | Exposure Time | Value                   | Remarks |
|--------------------------------|--------------------|-------------------|------------------------------------|---------------|-------------------------|---------|
| Titanium dioxide<br>13463-67-7 | Workers            | inhalation        | Long term exposure - local effects |               | 0,17 mg/m <sup>3</sup>  |         |
| Titanium dioxide<br>13463-67-7 | General population | inhalation        | Long term exposure - local effects |               | 0,028 mg/m <sup>3</sup> |         |

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Engineering controls:  
No particular measures required.

Respiratory protection:  
Not needed.

Hand protection:  
Not needed.

Eye protection:  
Not needed.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                               |
|--|-------------------------------|
| Delivery form                          | solid                         |
| Colour                                 | white                         |
| Odor                                   | odourless                     |
| Physical state                         | solid                         |
| Melting point                          | Currently under determination |
| Initial boiling point                  | Currently under determination |
| Flammability                           | Currently under determination |
| Explosive limits                       | Currently under determination |
| Flash point                            | Currently under determination |
| Auto-ignition temperature              | Currently under determination |
| Decomposition temperature              | Currently under determination |
| pH                                     | Currently under determination |
| Viscosity (kinematic)                  | Currently under determination |
| Solubility (qualitative)               | Currently under determination |
| Partition coefficient: n-octanol/water | Currently under determination |
| Vapour pressure                        | Currently under determination |
| Density                                | Currently under determination |
| Relative vapour density:               | Currently under determination |
| Particle characteristics               | Currently under determination |

**9.2. Other information**

Other information not applicable for this product

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

No decomposition if used according to specifications.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

None known.

## SECTION 11: Toxicological information

### General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value         | Species | Method  |
|---------------------------------|---------------|---------------|---------|---|
| Titanium dioxide<br>13463-67-7  | LD50          | > 5.000 mg/kg | rat     | OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value          | Species | Method        |
|---------------------------------|---------------|----------------|---------|---------------|
| Titanium dioxide<br>13463-67-7  | LD50          | > 10.000 mg/kg | rabbit  | not specified |

#### Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value       | Test atmosphere | Exposure<br>time | Species | Method        |
|---------------------------------|---------------|-------------|-----------------|------------------|---------|---------------|
| Titanium dioxide<br>13463-67-7  | LC50          | > 6,82 mg/l | dust            | 4 h              | rat     | not specified |

#### Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result         | Exposure<br>time | Species | Method   |
|---------------------------------|----------------|------------------|---------|--|
| Titanium dioxide<br>13463-67-7  | not irritating | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

#### Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result         | Exposure<br>time | Species | Method  |
|---------------------------------|----------------|------------------|---------|---|
| Titanium dioxide<br>13463-67-7  | not irritating |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

#### Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result          | Test type                             | Species    | Method   |
|---------------------------------|-----------------|---------------------------------------|------------|--|
| Titanium dioxide<br>13463-67-7  | not sensitising | Mouse local lymphnode<br>assay (LLNA) | mouse      | equivalent or similar to OECD Guideline<br>429 (Skin Sensitisation: Local Lymph<br>Node Assay) |
| Titanium dioxide<br>13463-67-7  | not sensitising | Buehler test                          | guinea pig | OECD Guideline 406 (Skin Sensitisation)  |

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.   | Result   | Type of study / Route of administration          | Metabolic activation / Exposure time | Species | Method  |
|--------------------------------|----------|--|--------------------------------------|---------|---|
| Titanium dioxide<br>13463-67-7 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without                     |         | OECD Guideline 471 (Bacterial Reverse Mutation Assay)                                   |
| Titanium dioxide<br>13463-67-7 | negative | in vitro mammalian chromosome aberration test    | with and without                     |         | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)                      |
| Titanium dioxide<br>13463-67-7 | negative | mammalian cell gene mutation assay               | with and without                     |         | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)                         |
| Titanium dioxide<br>13463-67-7 | negative | in vitro mammalian cell micronucleus test        | without                              |         | equivalent or similar to OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test) |
| Titanium dioxide<br>13463-67-7 | negative | oral: gavage                                     |                                      | rat     | OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)                            |

**Carcinogenicity**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous components CAS-No.   | Result           | Route of application | Exposure time / Frequency of treatment | Species | Sex         | Method        |
|--------------------------------|------------------|----------------------|--|---------|-------------|---------------|
| Titanium dioxide<br>13463-67-7 | not carcinogenic | oral: feed           | 103 w daily                            | rat     | male/female | not specified |

**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.   | Result / Value                                    | Test type            | Route of application | Species | Method   |
|--------------------------------|---|----------------------|----------------------|---------|--|
| Titanium dioxide<br>13463-67-7 | NOAEL P >= 1.000 mg/kg<br>NOAEL F1 >= 1.000 mg/kg | one-generation study | oral: feed           | rat     | OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study) |

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.   | Result / Value      | Route of application | Exposure time / Frequency of treatment | Species | Method   |
|--------------------------------|---------------------|----------------------|--|---------|--|
| Titanium dioxide<br>13463-67-7 | NOAEL > 1.000 mg/kg | oral: gavage         | 92 d daily                             | rat     | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

## SECTION 12: Ecological information

### General ecological information:

If used properly the product does not enter the drains.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value                          | Exposure time | Species        | Method  |
|---------------------------------|---------------|--------------------------------|---------------|----------------|---|
| Titanium dioxide<br>13463-67-7  | LC50          | Toxicity > Water<br>solubility | 48 h          | Leuciscus idus | OECD Guideline 203 (Fish,<br>Acute Toxicity Test) |

#### Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value                          | Exposure time | Species       | Method   |
|---------------------------------|---------------|--------------------------------|---------------|---------------|--|
| Titanium dioxide<br>13463-67-7  | EC50          | Toxicity > Water<br>solubility | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |

#### Chronic toxicity (aquatic invertebrates):

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value                          | Exposure time | Species       | Method   |
|---------------------------------|---------------|--------------------------------|---------------|---------------|--|
| Titanium dioxide<br>13463-67-7  | NOEC          | Toxicity > Water<br>solubility | 21 d          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Chronic<br>Immobilisation Test) |

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value                          | Exposure time | Species                         | Method   |
|---------------------------------|---------------|--------------------------------|---------------|---------------------------------|--|
| Titanium dioxide<br>13463-67-7  | EC50          | Toxicity > Water<br>solubility | 72 h          | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Titanium dioxide<br>13463-67-7  | NOEC          | Toxicity > Water<br>solubility | 72 h          | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |

#### Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value                          | Exposure time | Species                 | Method   |
|---------------------------------|---------------|--------------------------------|---------------|-------------------------|--|
| Titanium dioxide<br>13463-67-7  | EC0           | Toxicity > Water<br>solubility | 24 h          | Pseudomonas fluorescens | DIN 38412, part 8<br>(Pseudomonas<br>Zellvermehrungshemm-<br>Test) |

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

The table below presents the data of the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | PBT / vPvB  |
|---------------------------------|---|
| Titanium dioxide<br>13463-67-7  | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |

#### 12.6. Endocrine disrupting properties

not applicable

#### 12.7. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Can be added to household waste in small quantities.

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

Disposal of uncleaned packages:

Outer package can be added to material collection after completely emptying.



### SECTION 14: Transport information

- 14.1. UN number or ID number**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.4. Packing group**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.7. Maritime transport in bulk according to IMO instruments**  
not applicable

### SECTION 15: Regulatory information

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

|   |                |
|---|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):     | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021):      | Not applicable |

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

WGK: Not applicable

Storage class according to TRGS 510: 11

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H351 Suspected of causing cancer.

|             |   |
|-------------|---|
| ED:         | Substance identified as having endocrine disrupting properties  |
| EU OEL:     | Substance with a Union workplace exposure limit   |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148   |
| EU EXPLD 2  | Substance listed in Annex II, Reg (EC) No. 2019/1148  |
| SVHC:       | Substance of very high concern (REACH Candidate List)   |
| PBT:        | Substance fulfilling persistent, bioaccumulative and toxic criteria   |
| PBT/vPvB:   | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB:       | Substance fulfilling very persistent and very bioaccumulative criteria  |

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