



# DARWI CLASSIC / TERRACOTTA / BETON / ROC / EXTRA LIGTH / KIDS

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

### 1.1 - Product identifier

Trade name/designation DARWI CLASSIC / TERRACOTTA / BETON / ROC / EXTRA LIGTH / KIDS

Chemical name

Product-type Mixture

Product code DA0820500000C, DA0821000000C, DA0800500000C, DA0801000000C, DA0810500000C, DA0811000000C, DA0831000000C, DA0840160000C, DDA0850500000C, DDA0851000000C

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

Relevant identified uses - Self-hardening modeling clay for creative leisure

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

Clairefontaine Rhodia

RD 52

68490 Ottmarsheim France

Telephone : +33389833750

Website <https://www.clairefontaine.com/fr/>

Tahina Rakotonirainy: +33 3 89 83 37 86/+33 6 65 46 82 27 [trakotonirainy@clairefontaine.com](mailto:trakotonirainy@clairefontaine.com)

### 1.4 - Emergency telephone number

- ORFILA (INRS) + 33 (0)1 45 42 59 59 France

## SECTION 2: Hazards identification

### 2.1 - Classification of the substance or mixture

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

|                |                |
|----------------|----------------|
| Not Classified | Not classified |
|----------------|----------------|

### 2.2 - Label elements

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

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| P101        | If medical advice is needed, have product container or label at hand. |
| P102        | Keep out of reach of children.                                        |
| P103        | Read carefully and follow all instructions.                           |
| EUH-phrases | : None                                                                |

### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.



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### SECTION 3: Composition / information on ingredients

#### 3.1 - Substances

Not applicable

#### 3.2 - Mixtures

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.

Following skin contact - No special measures are necessary.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.  
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.  
- When in doubt or if symptoms are observed, get medical advice.

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

Symptoms and effects - Following inhalation - No known symptoms to date.

Symptoms and effects - Following skin contact - No known symptoms to date.

Symptoms and effects - After eye contact - No known symptoms to date.

Symptoms and effects - After ingestion - No known symptoms to date.

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

- Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder  
- Carbon dioxide (CO<sub>2</sub>)  
- Foam  
- Extinguishing powder

Unsuitable extinguishing media - High power water jet

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

Special hazards arising from the substance or mixture - No information available.

#### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.



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### SECTION 6: Accidental release measures

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#### 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Remove persons to safety.

For emergency responders - Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

#### 6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

Methods and material for cleaning up - Take up mechanically.  
- Wash with plenty of water.

Inappropriate techniques - No information available.

#### 6.4 - Reference to other sections

- Disposal: see section 13

- Personal protection equipment: see section 8

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### SECTION 7: Handling and storage

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#### 7.1 - Precautions for safe handling

Recommendation - No special technical protective measures are necessary.

Advices on general occupational hygiene - When using do not eat, drink, smoke, sniff.  
- Wash hands before breaks and after work.

#### 7.2 - Conditions for safe storage, including any incompatibilities

- No special measures are necessary.

#### 7.3 - Specific end use(s)

- Wash hands before breaks and after work.

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### SECTION 8: Exposure controls/personal protection

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#### 8.1 - Control parameters

#### 8.2 - Exposure controls

Appropriate engineering controls - No special measures are necessary.

Individual protection measures, such as personal protective equipment - No special measures are necessary.

Environmental exposure controls - Do not dispose in the environment



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### SECTION 9: Physical and chemical properties

#### 9.1 - Information on basic physical and chemical properties

| <u>Physical state</u>         | Solid | <u>Appearance</u> | Paste     |
|-------------------------------|-------|-------------------|-----------|
| <u>Colour</u>                 |       | <u>Odour</u>      | odourless |
| Odour threshold               |       | No data available |           |
| pH                            |       | No data available |           |
| Melting point                 |       | No data available |           |
| Freezing point                |       | No data available |           |
| Boiling point                 |       | No data available |           |
| Flash point                   |       | No data available |           |
| Evaporation rate              |       | No data available |           |
| flammability                  |       | No data available |           |
| Lower explosion limit         |       | No data available |           |
| Upper explosion limit         |       | No data available |           |
| Vapour pressure               |       | No data available |           |
| Vapour density                |       | No data available |           |
| Relative density              |       | No data available |           |
| Density                       |       | No data available |           |
| Solubility (Water)            |       | 100 %             |           |
| Solubility (Ethanol)          |       | No data available |           |
| Solubility (Acetone)          |       | No data available |           |
| Solubility (Organic solvents) |       | No data available |           |
| Log KOC                       |       | No data available |           |
| Auto-ignition temperature     |       | No data available |           |
| Decomposition temperature     |       | No data available |           |
| Kinematic viscosity           |       | No data available |           |
| Dynamic viscosity             |       | No data available |           |

#### Particle characteristics

|                       |                   |
|-----------------------|-------------------|
| Particle size         | No data available |
| Dustiness             | No data available |
| Specific surface area | No data available |
| Shape                 | No data available |

#### 9.2 - Other information

|                         |                   |
|-------------------------|-------------------|
| VOC content             | No data available |
| Minimum ignition energy | No data available |
| Conductivity            | No data available |

### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.



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### 10.3 - Possibility of hazardous reactions

- No special handling advices are necessary.

### 10.4 - Conditions to avoid

- No information available.

### 10.5 - Incompatible materials

- No information available.

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

|                                       |                   |
|---------------------------------------|-------------------|
| LD50 oral (rat)                       | No data available |
| LD50 dermal (rat)                     | No data available |
| LD50 dermal (rabbit)                  | No data available |
| LC50 inhalation (rat)                 | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat)         | No data available |

- 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/eye 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.

STOT-single exposure - Not classified

- Based on available data, the classification criteria are not met.



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STOT-repeated exposure - Not classified

- Based on available data, the classification criteria are not met.

Aspiration hazard - Not classified

11.2 - Information on other hazards

### SECTION 12: Ecological information

#### 12.1 - Toxicity

Toxicity : Mixture

|                                   |                   |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea              | No data available |
| LC50 96 hr fish                   | No data available |
| ErC50 algae                       | No data available |
| ErC50 other aquatic plants        | No data available |
| NOEC chronic fish                 | No data available |
| NOEC chronic crustacea            | No data available |
| NOEC chronic algae                | No data available |
| NOEC chronic other aquatic plants | No data available |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

#### 12.2 - Persistence and degradability

|                                 |                   |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD)    | No data available |
| % of biodegradation in 28 days  | No data available |

- No information available.

#### 12.3 - Bioaccumulative potential

|                               |                   |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC                       | No data available |

- No indication of bioaccumulation potential.

#### 12.4 - Mobility in soil

- No information available.

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

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

#### 12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7 - Other adverse effects

- Discharge into the environment must be avoided.



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### SECTION 13: Disposal considerations

#### 13.1 - Waste treatment methods

|                                                     |                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------|
| <u>Waste treatment methods</u>                      | - Dispose of waste according to applicable legislation.                     |
| <u>Sewage disposal</u>                              | - Do not allow run-off from fire-fighting to enter drains or water courses. |
| <u>Special precautions for waste treatment</u>      | - No information available.                                                 |
| <u>Community or national or regional provisions</u> | - No information available.                                                 |

### SECTION 14: Transport information

#### 14.1 - UN number or ID number

Not applicable

#### 14.2 - UN proper shipping name

Not applicable

#### 14.3 - Transport hazard class(es)

Not applicable

#### 14.4 - Packing group

Not applicable

#### 14.5 - Environmental hazards

Not applicable

#### 14.6 - Special precautions for user

Not applicable

#### 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

|                                    |                   |
|------------------------------------|-------------------|
| <u>Substances REACH candidates</u> | None              |
| <u>Substances Annex XIV</u>        | None              |
| <u>Substances Annex XVII</u>       | None              |
| <u>VOC content</u>                 | No data available |

#### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

### SECTION 16: Other information

SDS versions



## DARWI CLASSIC / TERRACOTTA / BETON / ROC / EXTRA LIGTH / KIDS

| Version | Issue date | Author               | Description of the amendments                                                             |
|---------|------------|----------------------|-------------------------------------------------------------------------------------------|
| 1,04    | 11/12/2023 | Tahina Rakotonirainy |                                                                                           |
| 1,03    | 18/01/2023 |                      | 12.6                                                                                      |
| 1,02    | 03/12/2021 |                      | Grouped safety data sheet for the different qualities of plasticine (color / consistency) |
| 1,01    | 20/10/2017 |                      | Update date - no change                                                                   |
| 1       | 23/10/2015 |                      |                                                                                           |

### Abbreviations and acronyms

- Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- EINECS: European Inventory of Existing Commercial Chemical Substances
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals

### Evaluation methods

The classification of the product is based on the calculation methods set out in Annex I to the CLP Regulation, unless otherwise specified in sections 11 and 12.  
The data for the evaluation of the physico-chemical properties are presented in section 9.

### Texts of the regulatory sentences

|                |                |
|----------------|----------------|
| Not Classified | Not classified |
|----------------|----------------|

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