

Safety data sheet according to Regulation (EC)  
No. 1907/2006 (REACH), Article 31

Version number: 1.1 / Creation date: 01.09.2021

## Combi flex Putty Nature

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

#### Product identifier

Combi flex Putty Nature / 1 kg / Article number: #1460 0269

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

There is no information available.

#### Use of the substance/mixture

Permanently elastic putty

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

Company name: Baumann Dental GmbH  
Street/P.O. Box: Im Holderle 5  
Post code, Place: D-75196 Remchingen  
Internet: www.baumann-dental.de.de  
@-mail: info@baumann-dental.de  
Telephone: +49(0)7232-73218-0  
Telefax: +49(0)7232-73218-99

Department responsible for information:

Telephone: +49(0)7232-73218-0  
E-mail: info@baumann-dental.de

#### 1.4. Emergency telephone number

Germany: +49(0)551-19240 (Poison Information Centre North, 24h in German and English)  
Austria: +43(0)1-4064343 (Poison Information Centre, 24h)

### SECTION 2: HAZARDS IDENTIFICATION

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

Regulation (EC) No. 1272/2008  
The mixture is not classified as dangerous within the meaning of Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

#### 2.3. Other hazards

There is no information available.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Chemical characterisation:  
Waxes, oil, emulsifier, mineral fillers, pigments

Hazardous ingredients:

No amounts subject to declaration.

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#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures

General notes:

If symptoms occur or in case of doubt, seek medical advice.

In the event of burns caused by melted modelling clay, get medical treatment.

##### If inhaled

Provide for fresh air.

##### Following skin contact

Wash off with soap and water and rinse thoroughly, and if irritation persists consult a doctor.

##### Following eye contact

Rinse eyes under running water with the eyelid open.

If eye irritation persists, consult an ophthalmologist.

##### If swallowed

Rinse mouth and throat with water, if symptoms persist, consult a doctor.

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

There is no information available.

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

Symptomatic treatment.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

Suitable extinguishing media

Water spray, CO<sub>2</sub>, extinguishing powder, spray mist (water), foam for surrounding fires.

Unsuitable extinguishing media

High volume water jet.

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

In the event of fire, CO and CO<sub>2</sub> can be released.

Inhalation of hazardous decomposition products may cause serious damage to health.

##### 5.3. Advice for firefighters

Adapt extinguishing measures to the surroundings.

Use a water spray to protect persons and cool containers in the danger area.

Additional notes:

Collect contaminated extinguishing water separately.

Do not allow to enter the sewage system or waters.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid generating dust. Do not inhale dust; avoid contact with eyes; particular risk of slipping due to spilled product.

##### 6.2. Environmental precautions

Prevent penetration into soil, waters, the sewage system.

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

Collect mechanically. Treat the collected material according to section 13 Disposal.

##### 6.4. Reference to other sections

For safe handling: see Section 7

Personal protective equipment: see Section 8

Disposal: see Section 13

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**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Notes on safe handling:

No special preventive measures required.

Notes on fire and explosion protection

The product is flammable, therefore do not heat above 90°C.

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

Requirements for storage rooms and containers:

Protect from heat and direct sunlight, storage temperature between 15 and 25°C.

Information on common storage:

No special preventive measures required.

Storage class according to the German Technical Rules on Hazard Substances (TRGS) 510: 11

(Flammable solids that cannot be assigned to any of the above storage classes).

**7.3. Specific end uses**

Putty

**SECTION 8: LIMITING AND MONITORING EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT**

**8.1. Control parameters**

Occupational exposure limits: (TRGS 900)

Not applicable or relevant

**8.2. Limiting and monitoring exposure**

Protection and hygiene measures

Take off contaminated clothing.

Wash hands prior to breaks and at the end of work.

Do not eat, drink, smoke or sniff at work.

Eye and face protection:

Not required under normal circumstances.

Hand protection:

No precautions beyond normal protective measures required.

Body protection:

Wear suitable protective clothing at work, change soiled clothing.

Breathing protection:

No special preventive measures are required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

Aggregate state:	solid
Colour:	depending on colouring
Odour:	weakly of wax
pH value (at 20°C)	not applicable

Changes of state:

Melting point:	not determined
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Initial boiling point and boiling range:	not determined
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Flash point:	> 150°C
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Ignition temperature:	> 200°C
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Flammability:

Solid:	not determined
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Gas:	not applicable
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**Explosion hazards:**

The product is not explosive

Lower explosion threshold: not determined

Upper explosion threshold: not determined

**Auto-ignition temperature:**

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

**Oxidising properties:**

Non-oxidising.

Vapour pressure: not determined

Density (at 20°C): approx. 1.7 g/cm<sup>3</sup>

Water solubility (at 20°C): immiscible

**Solubility in other solvents:**

not determined

Distribution coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

Solids content: not determined

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No hazardous reactions occur if handled and stored as directed.

**10.2. Chemical stability**

The product is stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No decomposition when handled and stored according to provisions.

**10.5. Incompatible materials**

There is no information available.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known when stored and handled according to provisions.

When heated above 300°C generation of CO<sub>2</sub>, CO.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity:**

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

**Irritant and caustic effect:**

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

**Sensitising effects:**

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

**Carcinogenic, mutagenic and teratogenic effects:**

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

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Specific target organ toxicity at single exposure:  
Based on the available data, the classification criteria are not met.

Specific target organ toxicity at repeated exposure:  
Based on the available data, the classification criteria are not met.

Aspiration hazard:  
Based on the available data, the classification criteria are not met.

Additional information on tests:  
The mixture is not classified as dangerous within the meaning of Regulation (EC) No. 1272/2008 [CLP].

Aspiration hazard:  
Based on the available data, the classification criteria are not met.

Additional information on tests:  
The mixture is not classified as dangerous within the meaning of Regulation (EC) No. 1272/2008 [CLP].

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

The product is not ecotoxic.

#### 12.2. Persistence and degradability

The product can be eliminated from water with abiotic processes, e.g. adsorption to activated sludge. If low concentrations are properly discharged into adapted biological wastewater treatment plants, disruptions to the degradation activity of activated sludge are not to be expected.

#### 12.3. Bioaccumulative potential

No indication of bioaccumulative potential.

#### 12.4. Mobility in soil

The product was not tested.

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

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

#### 12.6. Other adverse effects

There is no information available.

Further information:  
Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Disposal recommendations:  
Do not allow to enter the sewage system or waters. Disposal in accordance with official regulations.

Disposal of uncleaned packaging and recommended cleaning agents:  
Rinse with plenty of water. Completely emptied packaging can be recycled.

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#### SECTION 14: TRANSPORT INFORMATION

##### Surface Transport (ADR/RID)

**14.1. UN number**

Not dangerous goods within the meaning of these transport regulations.

**14.2. UN proper shipping name**

Not dangerous goods within the meaning of these transport regulations.

**14.3. Transport hazard classes**

Not dangerous goods within the meaning of these transport regulations.

**14.4. Packing group**

Not dangerous goods within the meaning of these transport regulations.

##### Inland waterway transport (ADN)

**14.1. UN number**

Not dangerous goods within the meaning of these transport regulations.

**14.2. UN proper shipping name**

Not dangerous goods within the meaning of these transport regulations.

**14.3. Transport hazard classes**

Not dangerous goods within the meaning of these transport regulations.

**14.4. Packing group**

Not dangerous goods within the meaning of these transport regulations.

##### Sea transport (IMDG)

**14.1. UN number**

Not dangerous goods within the meaning of these transport regulations.

**14.2. UN proper shipping name**

Not dangerous goods within the meaning of these transport regulations.

**14.3. Transport hazard classes**

Not dangerous goods within the meaning of these transport regulations.

**14.4. Packing group**

Not dangerous goods within the meaning of these transport regulations.

##### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number**

Not dangerous goods within the meaning of these transport regulations.

**14.2. UN proper shipping name**

Not dangerous goods within the meaning of these transport regulations.

**14.3. Transport hazard classes**

Not dangerous goods within the meaning of these transport regulations.

**14.4. Packing group**

Not dangerous goods within the meaning of these transport regulations.

**14.6. Special precautions for user**

Not dangerous goods within the meaning of these transport regulations.

**14.7. Transport in bulk according to Annex II of the MARPOL Convention and the IBC Code**

Not dangerous goods within the meaning of these transport regulations.

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#### SECTION 15: REGULATORY INFORMATION

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

EU regulations:

Information on the SEVESO III Directive is not subject to SEVESO III Directive 2012/18/EU

Additional notes:

Directive No. 2009/48/EC on the safety of toys

National regulations:

Water hazard class: not hazardous to water

Status: Classification of mixtures according to Annex 1,

No. 5 of the German Ordinance on Installations for Handling Substances Hazardous to Water (AwSV)

##### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture have not been conducted.

#### SECTION 16: OTHER INFORMATION

##### Changes

Adaptation to current guidelines and regulations.

##### Abbreviations and acronyms

CLP:	Classification, Labelling and Packaging
REACH:	Registration, Evaluation, Authorization of Chemicals
GHS:	Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN:	United Nations
CAS:	Chemicals Abstract Service
DNEL:	Derived No Effect Level
DMEL:	Derived Minimal Effect Level
PNEC:	Predicted No Effect Concentration
ATE:	Acute Toxicity Level
LC50:	Lethal Concentration, 50%
LD50:	Lethal Dose, 50%
LL50:	Lethal Loading, 50%
EL50:	Effective Loading, 50%
EC50:	Effective Concentration, 50%
ErC50:	Effective Concentration, 50%, growth rate
NOEC:	No Observed Effect Concentration
BCF:	Bio Concentration Factor
PBT:	Persistent, Bioaccumulative, Toxic
vPvB:	very Persistent, very Bioaccumulative
ADR:	Accord europ en sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:	Regulations concerning the International Carriage of Dangerous Goods by Rail
ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord europ en sur le transport des marchandises dangereuses par voies de navigation int rieures)
IMDG:	International Maritime Code for Dangerous Goods
EmS:	Emergency Schedules
MFAG:	Medical First Aid Guide
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
MARPOL:	International Convention for the Prevention of Marine Pollution from Ships
IBC:	Intermediate Bulk Container
SVHC:	Substance of Very High Concern

Abbreviations and acronyms see directory at <http://abk.esdscom.eu>

Wording of the H and EUH phrases (wording and full text)

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**Further information**

The information is based on the current state of our knowledge, however, it does not represent a guarantee of product characteristics and does not establish a contractual legal relationship.

Existing laws and regulations must be observed by the recipient of our products at their own responsibility.

No.	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Putty	C	-	9b	-	-	-	-	Toy

**Identified uses**

- LCS: Life Cycle Stages
- PC: Product Categories
- ERC: Environmental Release Categories
- TF: Technical Functions
- SU: Sectors of Use
- PROC: Process Categories
- AC: Article Categories

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Limitation of use recommended by the manufacturer

Not suitable for children under 3 years, choking hazard due to small parts that may be swallowed.