



#### 1. Identification of the substance/ mixture and of the company/undertaking

Item description: Element CAD/CAM Wax Blanks Items 312-0112

312-0114 312-0120 312-0414 312-0420 312-0520 312-0525 312-0530 312-0314

312-0320

Relevant identified uses of the substance or mixture and uses

advised against: Not applicable

Application of the substance: Dental Wax

Manufacturer: Dentify GmbH

Scheffelstr. 22

78234 Engen / Germany

Information: Tel: + 49-7733-977 62 40, Fax: +49-7733-977 62 44

(Mo - Do 8:00 - 16:30, Fr 8:00 - 15:00)

Emergency: Tel: + 49-7733-977 62 40

(Mo - Do 8:00 - 16:30, Fr 8:00 - 15:00)

### 2. Hazards identification

Classification according to

regulation (EC) no. 1272/2008: This substance does not meet the criteria for classification according

to regulation (EC) no. 1272/2008 (CLP)

Classification of the substance:

or mixture according

Skin Irritation – Category 2 Eye Irritation – Category 2B

Signal word: None

Hazard pictograms: None

Hazard statements: Causes skin and eye irritation

Prevention: Wear protective gloves. Wash hands thoroughly after handling.

Response: If on skin wash with soap and water. Take off contaminated clothing

and wash it before reuse. Get medical attention. If in eyes rinse with water. Remove contact lenses. Continue rinsing. If eye irritation

persists get medical attention.

Storage: Not applicable

Disposal: Not applicable

According to 1907/2006/EG, Article 31



## 3. Composition/information on ingredients

Description: Mixture

Other means of identification: Not available

CAS number: Not applicable

CAS 8002-74-2 EC 232-315-6 Paraffin waxes and Hydrocarbon waxes 50-75 %

Additional information: Any concentration shown as a range is to protect confidentiality or is

due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the

environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4. First aid measures

Description of first aid measures:

Eye contact: Flush eyes with water. Lift upper and lower eyelids. Remove contact

lenses. Continue rinsing. Get medical attention.

After inhalation: Get fresh air. Rest in a comfortable position to breathe. Provide

artificial respiration or oxygen by trained personnel if breathing is irregular. Providing aid (mouth to mouth resuscitation) may be dangerous for the victim. Get medical attention if adverse health effects persists. If unconscious place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight

clothing.

After skin contact: Wash hands. If heated material burns the skin do not remove the

material from skin, cool with cold water. Obtain medical treatment.

After swallowing: Wash out mouth with water. Get fresh air in a comfortable position for

breathing. Drink small quantities of water. Stop if person feels sick. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs the head should be kept low so that vomit does not enter the lungs .Get medical attention. If unconscious place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing.

Most important symptoms:

Eye contact: pain or irritation

Inhalation: No known significant effects or critical hazards

Skin contact: skin irritation

Ingestion: No known significant effects

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use an extinguishing agent suitable for the surrounding fire

Special hazards arising from the substance or mixture

No specific fire or explosion hazard

Advice for firefighters Isolate the scene. No action shall be taken involving any personal

risk or without suitable training.

Protective equipment: Wear appropriate protective equipment and self-contained breathing

apparatus(SCBA)

According to 1907/2006/EG, Article 31



#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Non-emergeny-personnel: avoid contact with skin, eyes and clothes when substance is hot and

fluid.

Emergency responders: avoid contact with skin, eyes and clothes when substance is hot and

fluid.

Environmental precautions: No special precautions need to be taken.

Methods and material for

containment and cleaning up: Let material solidify – Clean up mechanically.

## 7. Handling and Storage

Handling:

Precautions for safe handling

Protective measures: Put on protective equipment(Section 8).Do not ingest. Avoid any

contact. Keep in the original container or an approved alternative. Do

not reuse container.

Advice on general hygiene: No Eating, drinking or smoking near the material. Wash hands before

eating, drinking or smoking. Additional Information see Section 8.

Conditions for safe storage: Original container protected from sunlight in a dry cool, well-

ventilated area. Keep away from incompatible materials, food or drink. Keep container closed. Keep open containers upright.

#### 8. Exposure controls/ personal protection

Control parameters:

Occupational exposure limits: ACGIH TLV (United States, 3/2016)

Paraffin and Hydrocarbon Wax TWA: 2mg/m³ 8hours Form: Fume

NIOSH REL (United States, 10/2013) TWA: 2mg/m³ 10 hours Form: Fume OSHA PEL 1989 (United States, 3/1989)

TWA: 2mh/m3 8 hours

Appropriate engineering controls: Ventilation to control worker exposure to airborne contaminants.

Environmental exposure controls: Check emissions to ensure they comply with requirements of

environmental protection legislation. Sometimes fume scrubbers or

filters are necessary to reduce emissions.

Individual protection measures:

Hygiene measures: Wash hands, arms and face after handling before eating or smoking.

Use lavatory at the end of working. Wash contaminated clothes.

Eyewash station and safety shower should be close.

According to 1907/2006/EG, Article 31



Respiratory protection: With correct and proper use, and under normal conditions, breathing

protection is not required.

Use suitable respiratory protective device in case of insufficient ventilation. Respiratory protection in case of forming dust.

Protection of hands: Wear chemical-resistant impervious gloves all the time. While using

check if the protective properties are still retaining. The exact break

through time has to be found out by the manufacturer of the

protective gloves and has to be observed.

Body protection: Personal protective equipment based on the task. Appropriate

footwear based on the task.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Dust protection goggles, chemical splash googles.

#### 9. Physical and chemical properties

Information on basic physical and chemical properties General Information

Appearance:

Physical state: solid
Color: various
Odor: characteristic
PH: not available

Melting point: 55 to 75 Celsius (131 to 167 Fahrenheit)

Boiling point: not available Flash point: not available Explosive not available Vapor pressure: not available Vapor density: not available Relative density: not available Solubility: not available Solubility in water: not available Partition coefficient: not available Auto-ignition temperature: not available Viscosity: not available

#### 10. Stability and reactivity

Reactivity: No data available Chemical stability: Material is stable

Possibility of hazardous reactions: Under normal conditions won't occur

Conditions to avoid: Storage at temperatures exceeding 45 Celsius

Incompatible materials: Strong oxidants

Hazardous decomposition products: Under normal conditions decomposition should not be produced

#### 11. Toxicological information

Information on toxicological effects

Irritation:

on the skin: 24 hours 500mg – mild irritant 500mg – moderate irritant

symptoms: Redness, irritation

According to 1907/2006/EG, Article 31



on the eye: 50 percent – mild irritant

24 hours 100mg – mild irritant Pain or irritation, watering, redness

Inhalation: No specific data
Ingestion: No specific data

## Immediate/ chronic effects from short or long term exposure

Short term:

Symptoms:

Immediate effects: Not available Delayed effects: Not available

Long term:

Immediate effects: Not available Delayed effects: Not available

Chronic effects: Not available

General:

no significant effects or critical hazards known
Carcinogenicity:

no significant effects or critical hazards known
Mutagenicity:

no significant effects or critical hazards known
no significant effects or critical hazards known
Developmental effects:

no significant effects or critical hazards known
no significant effects or critical hazards known
rertility effects:

no significant effects or critical hazards known
no significant effects or critical hazards known

Measures of toxicity: Not available

## 12. Ecological information

Aquatic toxicity:

Persistence and Degradability:
Bioaccumulative potential:

Mobility in soil:

No further relevant information available.

No further relevant information available.

No further relevant information available.

Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment):

slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage

svstem.

Results of PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable.

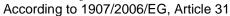
Other adverse effects No further relevant information available.

### 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever

possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil,

waterways, drains and sewers.





### 14. Transport information

UN-Number: not regulated

UN proper shipping name Transport hazard class(es) -.
Packing group Environmental hazards: No

Special precautions for user: Closed containers upright and secure. Transporter must know what

to do in case of accident.

Transport in bulk according to Annex II of MARPOL73/78 and

the IBC Code: not available

## 15. Regulatory information

U.S. Federal regulations:

TSCA 8(a) CDR Exempt/: Not determined

Partial exemption

United States inventory (TSCA 8b): Not determined

Clean Air act Section 112: not listed

Clean Air Section 602: not listed

Class I

Clean Air Act Section 602: not listed

Class II

DEA List II:

DEA List I: not listed

SARA 302/304 no products found

SARA 304 RG: not applicable

SARA 311/312: immediate health hazard

Fire hazard: no
Sudden release of pressure: no
Reactive: no
Immediate health hazard: yes
Delayed health hazard: no

State regulations

Massachusetts: Paraffin Wax Fume

New York: not listed

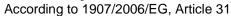
New Jersey: Paraffin Wax and waxes, Hydrocarbon waxes

not listed

Pennsylvania: Paraffin Waxes, Hydrocarbon waxes

Canada: not determined

Chemical weapons list I: not listed Chemical weapons list II: not listed Chemical weapons list III: not listed





#### 16. Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

Key to abbreviations

ATE: Acute toxicity estimate BCF: Bioconcentration factor

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of

Chemicals

IBC: Intermediate Bulk container

IMDG: International maritime dangerous goods

LogPow logarithm of the octano/water partition coefficient

MARPOL: International convention for the pollution from ships, 1973 as

modified by the protocol of 1978(marinepollution)

UN United Nations

The above given data are based upon our stand of knowledge and experience from the issuing date, they do not have any relevance of characteristics warranty. No responsibility will be taken for the faultessness and integrity.