

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

070447433

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070446948 070447177 071803352 071803360 071803626 071805324 071805332

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

070446955 071704550 071837202

Moisture-Activated Temporary Filling and Sealling Material

**SECTION I - PRODUCT / COMPANY IDENTIFICATION**

Product Name: TEMPIT® TEMPORARY FILLING MATERIAL

Synonyms: Temporary filling material

Part (Item) Number: 310060, 360053

Company Name: Centrix, Inc.

Address: 770 River Road

City, State, Zip: Shelton CT, 06484

Emergency Telephone Number: 203-929-5582 Information Telephone Number: 800-235-5862

**SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Components:	%	CAS No.	SYMBOL	R	EINECS No.
D.M.T.G (Glycol)	<12%	143-24-8			205-594-7
Ethyl Methacrylate Polymer	<3%				
Calcium Sulphate	<59%	10034-76-1			231-900-3
Zinc Oxide	<11%	1314-13-2			
Barium Sulphate	<17%	7727-43-7			
Silica (Amorphous)	<2%	7631-86-9			231-545-4

**SECTION III - HAZARDS IDENTIFICATION**

For potential health hazards: See section 11 below.

No other significant hazards to man or the environment are reasonably foreseen.

**SECTION IV - FIRST AID MEASURES**

Skin: Wash with soap and water.

Eyes: Flush with copious amounts of water. If irritation persists, seek medical attention.

Ingestion: N/A

Inhalation: N/A

**SECTION V - FIRE-FIGHTING MEASURES**

Use extinguisher suitable to cause of fire and its surroundings.

Suitable extinguishing media: N/A

Forbidden extinguishing media: N/A

Special firefighting measures: N/A

Unusual fire and explosion hazards: N/A

Special protection equipment: N/A

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Transfer bulk into suitable containers for disposal. Wipe residue with damp cloth and scrape up into suitable container for disposal.

Personal precautions: N/A

Environmental precautions: N/A

Reclaiming methods: N/A

**SECTION VII - HANDLING AND STORAGE**

Handling: No handling problems are likely to be encountered provided normal safe practices of hygiene are applied.

Storage: Store in a cool dry place.

Containers: N/A

Incompatibilities: N/A

Other precautions: N/A

**SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION**

General measures: Wash hands thoroughly after contact with this product.

Limits: N/A

Respiratory protection: N/A

Eye protection: Goggles/eyeshields.

Skin protection: Overalls, rubber gloves.

Hands protection: Overalls, rubber gloves.

Other equipment: N/A

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White stiff paste    Odor: Odorless

Explosion limits: N/A

Water solubility: Insoluble

Boiling point: N/A

Evaporation rate: N/A

Flash point: N/A

## SECTION X - STABILITY AND REACTIVITY

Stability: Stable, non-reactive

Conditions to avoid: N/A

Materials to avoid: N/A

Hazardous decomposition products: N/A

Hazardous polymerization products: N/A

## SECTION XI - TOXICOLOGICAL INFORMATION

Ingestion: N/A

Eye contact: N/A

Skin contact: N/A

Inhalation: N/A

Prolonged exposure: N/A

## SECTION XII - ECOLOGICAL INFORMATION

## SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state, and local regulations.

## SECTION XIV - TRANSPORT INFORMATION

## SECTION XV - REGULATORY INFORMATION

Hazard Classification Symbol: N/A

Ingredients determining the label: The information in this MSDS does not constitute an assessment of workplace risk.

## SECTION XVI - OTHER INFORMATION

Handling of product exclusively by dental specialists according to instructions for use.

### CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.



#### CENTRIX INCORPORATED

770 River Road, Shelton, CT 06484 USA  
(800) 235-5862 Tel: (203) 929-5582  
Fax: (203) 929-6804



Product covered by one or more of the following patents: US 4,963,093 and US D353673. Other U.S. and International patents pending or granted.



#### CENTRIX EUROPE

Hauptstrasse 64 B, 65719 Hofheim, Germany

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# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

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

- **1.1 Product identifier**
- **Trade name: Prime & Bond NT**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Adhesive
- **Uses advised against** No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
DENTSPLY DeTrey GmbH  
De-Trey-Str. 1  
D-78467 Konstanz  
GERMANY  
Tel.: +49-(0)7531-583-0  
Fax: +49-(0)7531-583-104  
email: KonstanzDEU.info-sdb@dentsplysirona.com
- **Further information obtainable from:**
  - Departement Research & Development for technical information
  - Departement Marketing & Sales for distribution of the safety data sheets
- **1.4 Emergency telephone number:** +49-(0)7531-583-0 8:00 - 17:00 (GMT + 1:00)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 2	H225 Highly flammable liquid and vapour.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
STOT SE 3	H336 May cause drowsiness or dizziness.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
acetone  
Di(ethylene glycol) dimethacrylate
- **Hazard statements**
  - H225 Highly flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H317 May cause an allergic skin reaction.
  - H336 May cause drowsiness or dizziness.
  - H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P241 Use explosion-proof electrical/ventilating/lighting equipment.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 1)

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

As this product is a medical device in the meaning of Directive 93/42/EEC and intended for use by the end consumer and is applied in an invasive manner or body contact, it is exempt from the labelling requirements according to regulation 1272/2008.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** 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: 67-64-1 EINECS: 200-662-2	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	50-100%
CAS: 105883-40-7	Urethane Dimethacrylate Resin ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-25%
CAS: 87699-25-0	Dipentaerythritol pentaacrylate phosphate ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-<10%
CAS: 2358-84-1	Di(ethylene glycol) dimethacrylate ⚠ Skin Sens. 1, H317	2.5-<10%
CAS: 3290-92-4	propylidynetrimethyl trimethacrylate ⚠ Aquatic Chronic 2, H411	0.25-<2.5%
CAS: 128-37-0 EINECS: 204-881-4	2,6-di-tert-butyl-p-cresol ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.25-<2.5%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information** Immediately remove any clothing soiled by the product.

· **After inhalation** Supply fresh air; consult doctor in case of complaints.

· **After skin contact** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing** If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Information for doctor** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

GB

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

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(Contd. of page 2)

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Self-contained respiratory protective device.

### 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:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
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**  
Observe normal care for working with chemicals.  
Prevent formation of aerosols.  
Ensure good ventilation/exhaustion at the workplace.
- **Handling** Product is intended for dental use only.
- **Information about fire - and explosion protection:**



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **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.

(Contd. on page 4)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 3)

### · 8.1 Control parameters

#### · **Ingredients with limit values that require monitoring at the workplace:**

##### **CAS: 67-64-1 acetone**

WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm
	Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm

#### · **Regulatory information WEL: EH40/2011**

#### · **DNELs**

##### **CAS: 128-37-0 2,6-di-tert-butyl-p-cresol**

Inhalative	DNEL Werte	3.5 mg/m <sup>3</sup> bw/day (rat)
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#### · **Additional information:** The lists valid during the making were used as basis.

### · 8.2 Exposure controls

#### · **Personal protective equipment**

##### · **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

#### · **Respiratory protection:**

Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### · **Protection of hands:**



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**

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.

Natural rubber, NR

Recommended thickness of the material:  $\geq 0.75$  mmPermeation: Level  $\geq 2$ 

#### · **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:**



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:**

<b>Form:</b>	Fluid
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(Contd. on page 5)

GB



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 4)

<b>Colour:</b>	Yellow
<b>· Odour:</b>	Characteristic
<b>· Odour threshold:</b>	Not determined.
<b>· pH-value:</b>	Not determined.
<b>· Change in condition</b>	
<b>Melting point/freezing point:</b>	undetermined
<b>Initial boiling point and boiling range:</b>	60 °C
<b>· Flash point:</b>	-19 °C (c.c. Abel)
<b>· Flammability (solid, gaseous)</b>	Not applicable.
<b>· Ignition temperature:</b>	465 °C
<b>· Decomposition temperature:</b>	Not determined.
<b>· Auto-ignition temperature:</b>	Product is not selfigniting.
<b>· Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>· Explosion limits:</b>	
<b>Lower:</b>	2.6 Vol %
<b>Upper:</b>	12.8 Vol %
<b>· Vapour pressure at 20 °C:</b>	233 hPa
<b>· Density at 20 °C:</b>	0.9 g/cm <sup>3</sup>
<b>· Relative density</b>	Not determined.
<b>· Vapour density</b>	Not determined.
<b>· Evaporation rate</b>	Not determined.
<b>· Solubility in / Miscibility with</b>	
<b>Water:</b>	Partly miscible
<b>· Partition coefficient: n-octanol/water:</b>	Not determined.
<b>· Viscosity:</b>	
<b>dynamic:</b>	Not determined.
<b>kinematic:</b>	Not determined.
<b>· Solvent content:</b>	
<b>Organic solvents:</b>	67.0 %
<b>    Solids content:</b>	3.0 %
<b>· 9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used 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 dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 6)

GB



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 5)

**· LD/LC50 values relevant for classification:****CAS: 67-64-1 acetone**

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)
Inhalative	LC50/4 h	76 mg/l (rat)

**CAS: 3290-92-4 propylidynetrimehyl trimethacrylate**

Oral	LD50	>2000 mg/kg (rat)
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**CAS: 128-37-0 2,6-di-tert-butyl-p-cresol**

Oral	LD50	2930 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rabbit)

**· Primary irritant effect:****· Skin corrosion/irritation**

Causes skin irritation.

**· Serious eye damage/irritation**

Causes serious eye irritation.

**· Respiratory or skin sensitisation**

Repeated or prolonged contact with the not polymerized product may cause sensitization for acrylates / methacrylates.

May cause an allergic skin reaction.

**· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****· Germ cell mutagenicity** Based on available data, the classification criteria are not met.**· Carcinogenicity** Based on available data, the classification criteria are not met.**· Reproductive toxicity** Based on available data, the classification criteria are not met.**· STOT-single exposure**

May cause drowsiness or dizziness.

**· STOT-repeated exposure** Based on available data, the classification criteria are not met.**· Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****· 12.1 Toxicity****· Aquatic toxicity:****CAS: 67-64-1 acetone**

LC50/96h	5540 mg/l (Fish acute toxicity study)
EC50/48h	6100 mg/L (daphnia magna)

**CAS: 3290-92-4 propylidynetrimehyl trimethacrylate**

LC50/96h	2 mg/l (Fish acute toxicity study)
EC50/48h	>9.22 mg/L (daphnia magna)

**CAS: 128-37-0 2,6-di-tert-butyl-p-cresol**

LC50/48h	>0.57 mg/l (daphnia magna)
LC50/96h	>0.42 mg/l (Fish acute toxicity study)
EC50/72h	>0.42 mg/l (Algae, growth inhibition test)

**· 12.2 Persistence and degradability** No further relevant information available.**· 12.3 Bioaccumulative potential** No further relevant information available.**· 12.4 Mobility in soil** No further relevant information available.**· Ecotoxicological effects:****· Remark:** Harmful to fish**· Additional ecological information:****· General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

(Contd. on page 7)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 6)

- **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**





Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

18 01 06*	chemicals consisting of or containing hazardous substances
HP 3	Flammable
HP 4	Irritant - skin irritation and eye damage
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 13	Sensitising
HP 14	Ecotoxic

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1 UN-Number**  
· **ADR, IMDG, IATA** UN1090
- **14.2 UN proper shipping name**  
· **ADR** 1090 ACETONE mixture  
· **IMDG, IATA** ACETONE, MIXTURE
- **14.3 Transport hazard class(es)**  
· **ADR**  

  - **Class** 3 (F1) Flammable liquids.
  - **Label** 3
- **IMDG, IATA**  

  - **Class** 3 Flammable liquids.
  - **Label** 3
- **14.4 Packing group**  
· **ADR, IMDG, IATA** II

(Contd. on page 8)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 7)

· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Warning: Flammable liquids.
· <b>Danger code (Kemler):</b>	33
· <b>EMS Number:</b>	F-E,S-D
· <b>Stowage Category</b>	E
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	D/E
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1090 ACETONE MIXTURE, 3, II

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Directive 2012/18/EU
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **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.

The attached safety data sheet covers the dangers and measures to be taken when large quantities of material are released, for example due to accidents during transport or storage by the dealer.

For quantities of material typically used in clinical practice, information necessary for safe use and storage of the product is given in the DFU.

- **Relevant phrases**
- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 9)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 14.02.2017

Version number 7

Revision: 14.02.2017

**Trade name: Prime & Bond NT**

(Contd. of page 8)

*H411 Toxic to aquatic life with long lasting effects.*

- **Department issuing SDS:** Research & Development
- **Contact:** HotLine for urgent technical support: +49-7531-583-350
- **Abbreviations and acronyms:**

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)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- **\* Data compared to the previous version altered.**

GB

SAFETY DATA SHEET (SDS)


In accordance with Hazard Communication Standard (HCS), 29CFR 1910.1200(g), 2012 revision

SECTION I – PRODUCT / COMPANY IDENTIFICATION

Product Name: **Tempit®- E TEMPORARY FILLING MATERIAL**  
Moisture activated eugenol temporary filling material for lost or loose caps  
Synonyms: Temporary filling material  
Part (Item) Number: 310031  
Company Name: Centrix, Inc.  
Address: 770 River Road, City, State, Zip: Shelton CT, 06484  
Emergency Telephone Number: 203-929-5582  
Information Telephone Number: 800-235-5862

SECTION II – HAZARD IDENTIFICATION

2.1: Classification  
2.1.1: Classification according to Regulation (EC) No 1272/2008 [CLP]  
Hazard Class: Skin sensitization  
Hazard Category: 1  
Hazard Statement: H317

2.2: GHS Label Elements. Hazard Pictograms  
Signal Word: WARNING   
Restricted to use by dental professional only

Hazard Statements  
H317: Sensitization. 1. May cause an allergic skin reaction

Precautionary Statements  
P261: Avoid breathing vapor  
P280: Wear protective gloves and eye protection  
P302+P352: IF ON SKIN: Wash with plenty of water  
P333+P313: If irritation or rash occurs, get medical advice/attention  
P391: Collect spillage

SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	%	CAS#	EINECS #
Polyethyl Methacrylate	1-10%	9011-14-7	
Barium Sulfate	10-20%	7727-43-7	
Zinc Oxide	1-10%	1314-13-2	215-222-5
Eugenol	1-10%	97-53-0	202-589-1

Exact % content withheld due to trade secret restrictions.

SECTION IV – FIRST AID MEASURES

Skin: Wash with soap and water  
Ingestion: May cause nausea and vomiting. Seek medical attention if persists.  
DO NOT INDUCE VOMITING  
Inhalation: Irritating to respiratory system. May cause coughing, tightness of the chest. Move exposed person to fresh air. Seek medical attention.  
Eyes: Flush with copious amounts of water for 15 minutes with eyes wide open.  
If irritation persists seek medical attention.

SECTION V – FIRE-FIGHTING MEASURES

Burning produces irritating, toxic and obnoxious fumes. Suitable extinguishing.  
Media: Use extinguisher suitable to cause of fire and its surroundings.  
Special protection equipment: Wear suitable respiratory equipment when necessary.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.

SECTION VII – HANDLING AND STORAGE

Handling: No handling problems are likely to be encountered provided normal safe practices of hygiene are applied.  
Storage: Store in a cool dry place  
Containers: Keep containers tightly closed. Store in correctly labelled containers.  
Incompatibilities: Unknown

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

General measures: Wash hands thoroughly after contact with this product.  
Limits: No data is available  
Respiratory Protection: Wear suitable respiratory equipment when necessary  
Eye protection: Goggles / eyeshields  
Skin protection: Overalls, rubber gloves  
Hands protection: Overalls, rubber gloves  
Other equipment: No further information available

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Stiff Paste      Explosion limits: N/A  
Odor: Odorless      Water solubility: Insoluble  
Boiling point: N/A      Evaporation rate: N/A  
Flash point: N/A  
Other Data: Not available or none

SECTION X – STABILITY AND REACTIVITY

Stability: Stable, non-reactive  
Conditions to avoid: Heat. Moisture  
Materials to avoid: N/A

SECTION XI – TOXICOLOGICAL INFORMATION

Barium Sulfate: Oral Rat LD50: 15000mg/kg  
Eugenol: Oral Rat LD50: 1930mg/kg  
Polyethyl methacrylate: Oral Rat LD50: 5000mg/kg

SECTION XII – ECOLOGICAL INFORMATION

No data is available

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose in accordance with local authorities

SECTION XIV – TRANSPORT INFORMATION

Not classified as dangerous goods

SECTION XV – REGULATORY INFORMATION

No data is available

SECTION XVI – OTHER INFORMATION

None

**CAUTION:** The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.



Makina Dentistrv Easier.<sup>SM</sup>



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