


## SAFETY DATA SHEET

### mBasic

#### SECTION 1. IDENTIFICATION


**Product Name** mBasic

**Identified uses** Light-curing temporary restorative material. Dental material for use by dental professional only.

**Distributor**   
Internacional Ventur S.A.  
C/ Luxemburgo, 75 · 12006 Castelló

**Manufacturer** SPIDENT Co.,Ltd.  
203&312, Korea Industrial Complex, 722, Gojan-Dong, Namdong-Gu, Incheon,  
Korea 405-821

#### SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification</b>	Skin Sensitization	1
<b>GHS Pictogram</b>		
<b>Signal Word</b>	Warning	
	H317	May cause an allergic skin reaction.
<b>Precautionary Statements</b>	Prevention	
	P261	Avoid breathing vapor.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P280	Wear protective gloves and eye protection
	Response	
	P302+P352	If on skin, wash with plenty of soap and water.
	P333+P313	IF SKIN irritation or rash occurs: Get medical advice/attention.
	P362+P364	Take off contaminated clothing and wash it before reuse.
	P321	Specific treatment reference to supplemental first aid instruction. Manufacturer/ supplier or the competent authority may specify a cleansing agent if appropriate.
	Disposal	
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations to be specified. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.	

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt
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Urethane dimethacrylate	72869-86-4	276-957-5	50~70
2-Hydroxyethyl methacrylate	868-77-9	212-782-2	1~20
Camphorquinone	10373-78-1	233-814-1	<1

## SECTION 4. FIRST-AID MEASURES

### Description of first aid measures

#### General Information

May be irritating to eyes, respiratory system, skin. Prolonged or repeated contact with methacrylate may cause sensitization. Show this safety data sheet to medical personnel. Get medical attention in case of uncertainty.

#### Inhalation

Rest in the fresh air and seek medical advice if necessary.

#### Ingestion

Try to induce vomiting. Get medical attention if any discomfort continues.

#### Skin Contact

Wash with soap and water. Get medical attention if irritation develops or persists.

#### Eye Contact

Flush eyes with water. Get medical attention if irritation develops or persists.

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

#### Ingestion

Slightly irritating. ( DIGESTIVE SYSTEM. )

#### Skin Contact

Slightly irritating. May cause sensitization by skin contact.

#### Eye Contact

Slightly Irritating.

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

#### Notes To The Physician

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

## SECTION 5. FIRE-FIGHTING MEASURES

#### Auto Ignition Temperature (°C)

Not available.

#### Flammability Limit - Lower(%)

Not available.

#### Flammability Limit - Upper(%)

Not available.

#### Flash point (°C)

Not available.

#### Extinguishing Media

Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO<sub>2</sub>)

#### Specific Hazards

None known.

#### Special Fire Fighting Procedures

Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

#### Protective Equipment For Fire-Fighters

No special protective actions for fire-fighters are anticipated.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Ventilate area. Wear safety glasses, gloves and lab coat.

### Environmental Precautions

Avoid release to the environment.

### Spill Clean Up Methods

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

## SECTION 7. HANDLING AND STORAGE

### Handling

All handling to take place in well-ventilated area.

### Storage

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

### Specific end use(s)

Dental material

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Measures

Provide adequate general and local exhaust ventilation.

### Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

### Hand Protection

Wear protective gloves.

### Eye Protection

Wear approved safety goggles.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Paste</b>	Paste
<b>Color</b>	Yellow, Blue
<b>Odor</b>	No information available.
<b>Solubility</b>	No information available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Melting point (°C)</b>	Not available.
<b>Relative density</b>	>1
<b>Vapor density (air=1)</b>	Not available.
<b>Vapor pressure</b>	< 1 mm Hg / 133 Pa / Id: B
<b>Evaporation rate</b>	Not available.
<b>pH-Value , Conc. Solution</b>	Not available.
<b>pH-Value, Diluted Solution</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.

<b>Flash point</b>	Not available.
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Flammability Limit - Upper(%)</b>	Not available.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Other Flammability</b>	Not available.
<b>Oxidising properties</b>	Not available.

## SECTION 10. STABILITY AND REACTIVITY

### **Reactivity**

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

### **Stability**

Stable under normal temperature conditions and recommended use.

### **Hazardous reactions**

Not available.

### **Conditions To Avoid**

Keep away from heat, sparks and open flame. Protect against direct sunlight.

### **Materials To Avoid**

Strong oxidizing agents.

### **Hazardous Decomposition Products**

Toxic gases are generated when heated.

## SECTION 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity:**

Not available.

### **Skin Corrosion/Irritation:**

Not available.

### **Serious eye damage/irritation:**

Not available.

### **Respiratory or skin sensitisation:**

#### **Respiratory sensitisation**

Not available.

#### **Skin sensitisation**

May cause sensitization by skin contact.

### **Germ cell mutagenicity:**

Not available.

### **Carcinogenicity:**

#### **IARC Carcinogenicity**

Not listed

#### **NTP - Carcinogenicity**

Not listed.

#### **OSHA - Carcinogenicity**

Not listed.

### **Reproductive Toxicity:**

Not available.

**Specific target organ toxicity - single exposure:**

**STOT - Single exposure**

Not available.

**Specific target organ toxicity - repeated exposure:**

**STOT - Repeated exposure**

Not available.

**Aspiration hazard:**

**Viscosity**

Not available.

**SECTION 12. ECOLOGICAL INFORMATION**

**Toxicity**

No data available.

**Degradability**

No data available.

**Bioaccumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not available.

**Mobility:**

No information available.

**Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB Substances.

**Other adverse effects**

Not known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

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

**SECTION 14. TRANSPORT INFORMATION**

<b>UN No. (DOT/TDG)</b>	N/A
<b>UN No. (IMDG Code)</b>	N/A
<b>UN No. (ICAO TI/IATA DGR)</b>	N/A
<b>Proper Shipping Name</b>	Not applicable.
<b>Hazard Class</b>	No classification noted.
<b>Hazard Label</b>	No DOT label requirement noted
<b>IMDG Class</b>	Not applicable.
<b>ICAO Class</b>	Not applicable.
<b>Transport Labels</b>	No transport warning sign required.
<b>Packing Group</b>	Not applicable.
<b>Environmentally Hazardous Substance</b>	Not applicable
<b>/Marine Pollutant</b>	
<b>Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes</b>	Not applicable.

**SECTION 15. REGULATORY INFORMATION**

**Follow the regulations of the KFDA**  
(Korea food & Drug Administration)

**Follow the regulations of the CE**  
(Communaute Europeenne)

**Follow the regulations of the FDA 501 (k)**  
(Food & Drug administration)

## **SECTION 16. OTHER INFORMATION**

**Revision Date**

2016/10/24(Rev.1)

2018/3/22 (Rev.2)

**Issued Date**

2020/10/24