

## SAFETY DATA SHEETS

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

073242658

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

073242757 073242773

# Safety Data Sheet

## TempoCem, TempoCem Soft

Product code: 11030, 110303, 212129 (4510\_GHS)

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

#### 1.1. Product identifier

TempoCem Automix, TempoCem Soft, TempoCem Smartmix

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

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

Company Name:	DMG AMERICA LLC	
Address:	242 South Dean Street	
City, State, Zip Code:	Englewood, NJ. 07631	
Telephone:	(800) 662-6383	Emergency no. - INFOTRAC (800) 535 - 5053
email address:	<a href="mailto:Info@dmg-america.com">Info@dmg-america.com</a>	
Website:	<a href="http://www.dmg-america.com">www.dmg-america.com</a>	

### SECTION 2: Hazards identification

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

Indications of danger: N - Dangerous for the environment

R phrases:

Irritating to skin.

May cause sensitisation by skin contact.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### GHS classification

Hazard categories:

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Signal word: Warning

Pictograms: GHS09



#### Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### Chemical characterization

chemical characterization (preparation): ZnO, EUGENOL

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### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
215-222-5	zinc oxide	65 - 75 %
1314-13-2	N - Dangerous for the environment R50-53	
030-013-00-7	Aquatic Acute 1, Aquatic Chronic 1; H400 H410	
	eugenol	< 10 %
97-53-0	Xi - Irritant R38-43	

Full text of R and H phrases: see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After ingestion

Immediately get medical attention.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO2).

#### Extinguishing media which must not be used for safety reasons

High power water jet.

## SECTION 6: Accidental release measures

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

Provide adequate ventilation. Wear suitable protective clothing.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

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

Collect mechanically.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

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Store only in original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls



#### Occupational exposure controls

Ensure adequate ventilation of the storage area.

#### Protective and hygiene measures

When using do not eat or drink.

#### Respiratory protection

The following must be prevented: inhalation.

#### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

#### Eye protection

Tightly sealed safety glasses.

### SECTION 9: Physical and chemical properties

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

Physical state:	Paste
Colour:	brown / white
Odour:	eugenol

pH-Value:	not applicable
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#### Changes in the physical state

Boiling point:	> 200 °C
point of decomposition:	> 130 °C
Flash point:	> 110 °C
Ignition temperature:	> 300 °C
Vapour pressure: (at 20 °C)	< 1 hPa
Density:	2,3 g/cm³
Water solubility:	slightly soluble
Vapour density:	> 1

#### Test method

### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

heat.

Decomposition takes place from temperatures above: 130 °C

#### 10.5. Incompatible materials

Keep in a cool place away from acids.

### SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Acute toxicity

LD50: Rat. 250 mg/kg

#### Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: Frequently or prolonged contact with skin may cause dermal irritation.

## SECTION 12: Ecological information

### 12.2. Persistence and degradability

Preparation not tested.

#### Further information

Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Carry out a burning of hazardous waste according to official regulations.

#### Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances  
Classified as hazardous waste.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

3077

#### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide, ZnO)

#### 14.3. Transport hazard class(es):

9

#### 14.4. Packing group:

III

Hazard label:

9



Classification code:

M7

Special Provisions:

274 335 601

Limited quantity:

5 kg

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

#### Other applicable information (land transport)

E1

### Marine transport (IMDG)

#### 14.1. UN number:

3077

#### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide, ZnO)

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### 14.3. Transport hazard class(es):

9

### 14.4. Packing group:

III

Hazard label:

9



Special Provisions:

274, 335

Limited quantity:

5 kg

EmS:

F-A, S-F

### Other applicable information (marine transport)

E1

### Air transport (ICAO)

### 14.1. UN number:

3077

### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide, ZnO)

### 14.3. Transport hazard class(es):

9

### 14.4. Packing group:

III

Hazard label:

9



Special Provisions:

A97 A158 A179

Limited quantity Passenger:

30 kg G

IATA-packing instructions - Passenger:

956

IATA-max. quantity - Passenger:

400 kg

IATA-packing instructions - Cargo:

956

IATA-max. quantity - Cargo:

400 kg

### Other applicable information (air transport)

E1

: Y956

### 14.5. Environmental hazards

Dangerous for the environment:

yes



## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D):

3 - highly water contaminating

## SECTION 16: Other information

### Full text of R phrases referred to under Sections 2 and 3

38

Irritating to skin.

43

May cause sensitisation by skin contact.

50

Very toxic to aquatic organisms.

50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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53 May cause long-term adverse effects in the aquatic environment.

### Full text of H statements referred to under Sections 2 and 3

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

### Further Information

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*The data for the hazardous ingredients were taken respectively from the last version Date 04/13/2016 of the sub-contractor's safety data sheet.*