# **SAFETY DATA SHEETS**

# This SDS packet was issued with item:

071365485

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

070858043 070891341 070997395 071069566 071365402 071365436 071385921 071403021 071403039 071403054 071403062 071403070 071412691 074582375 074582383 074582391 074582417 074582425 074582433 074582466 074582631 074591889 074591897 074591905 074591921 074591939 074592382 074592390 074592416 074592606 074592614 074592630 074592648 074592655 074592879 074592903 074592994 074593075 074593109 074593125 078914187

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).

071379510 071379528 071379536 071379544 071379551 074582409



# SAFETY DATA SHEET

Effective Date 24-May-2021 Version 5

# 1. IDENTIFICATION

Product Identifier

Product Name JET TOOTH SHADE POWDER

Other means of identification

SDS# 018

Product Code 1410, 1412, 1420, 1430, 1450, 1470, 1480, 1484, 1493

Recommended use of the chemical and restrictions on use

Recommended Use Fabrication of provisional crowns and bridges

Details of the supplier of the safety data sheet

Supplier Address Lang Dental Mfg. Co., Inc.

175 Messner Dr. Wheeling, IL 60090

USA

Emergency telephone number

Company Phone Number +1 847-215-6622

Emergency Telephone (INFOTRAC) +1 352-323-3500 (International)

800-535-5053 (North America)

<u>Authorized European Representative</u> MediMark® Europe SARL

11, rue Emile Zola. BP 2332 38033 Grenoble Cedex 2

France

Tel: +33 476 86 43 22 Fax: +33 476 17 19 82

Email: info@medimark-europe.com

# 2. HAZARDS IDENTIFICATION

# Classification of the substance or mixture

Eye Damage/Irritation	2A
Skin sensitization	1

Signal word Warning

<u>Hazard statements</u> H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.



Physical State Powder Appearance Fine, white or pigmented Odor Faint odor in bulk

Precautionary Statements - Prevention

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.

P264 Wash hands and exposed skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary Statements - Response

P363 Wash contaminated clothing before reuse. P302+P352 IF ON SKIN: Wash with soap and water.

P305+P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy

+P338 to do – continue rinsing.

P308+P313 If exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists, get medical advice/attention.

#### Precautionary Statements - Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

# 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %
2-Propenoic acid, 2-methyl-,	9011-14-7	80-90
methyl ester, homopolymer		
Diethyl phthalate	84-66-2	10-20
Benzoyl Peroxide	94-36-0	1-5

<sup>\*</sup>Specific chemical weight has been withheld as a trade secret.

# 4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air. Keep at rest in a position comfortable for breathing. Get medical attention if discomfort

persists.

Eye contact Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists,

get medical advice / attention.

Ingestion Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk.

Never give anything by mouth to an unconscious person. Call a physician or poison control center

immediately and provide an estimate of when and how much material was ingested.

Skin Contact Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash

before reuse.

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

Symptoms Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.

#### <u>Indication of any immediate medical attention and special treatment needed</u>

#### 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

Suitable: Water, chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide (CO<sub>2</sub>),

Unsuitable: Water may not be effective in extinguishing this fire.

### Specific hazards arising from the chemical

For bulk size: Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.

# Special Fire Fighting Procedures:

Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.

#### Protective equipment and precautions for firefighters

For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static charge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts.

# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

thoroughly before reuse.

Methods and material for containment and clean-up

Method for containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material, sand

or earth. May contaminate water supply.

Method for clean-up Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up

spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of

warm water and soap.

# 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or

fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly

after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed to prevent water absorption and contamination. Store in a dry, cool

and well-ventilated place away from direct sunlight or other sources of light or intense heat.

Temperature not to exceed 35°C.

Packaging materials Keep in original container.

Incompatible materials Strong oxidizing agents

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer 9011-14-7			
Diethyl phthalate 84-66-2	TWA: 5 mg/m <sup>3</sup>		TWA: 5 mg/m <sup>3</sup>
Benzoyl peroxide 94-36-0	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

Appropriate engineering controls Apply technical measures to comply with the occupational exposure limits. When working with

large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

## Individual protection measures, such as personal protective equipment

Eye / face protection Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to

US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure

that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear

gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the

appropriate standards of Canada or the EC member states.

Respiratory protection No special respiratory protection is required under typical circumstances of use or handling. If

necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its

provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Jet Tooth Shade Powder 018 v. 5

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Powder Odor Faint odor in bulk

Appearance Fine

Color White or pigmented

PropertyValuesBoiling point / boiling range295°CAuto ignition temperature80°C

Flash point 304°C / 579°F

Flammability limits in air

Upper flammability limit
Lower flammability limit
Not applicable
Not applicable

Specific gravity 0.00

### 10. STABILITY AND REACTIVITY

<u>Reactivity</u> Not reactive under normal conditions

<u>Chemical stability</u> Stable under recommended storage conditions

Possibility of hazardous reactions None under normal processing

Hazardous polymerization Does not occur.

Strong oxidizing agents

<u>Incompatible materials</u> Hazardous decomposition products

Methacrylate monomer, oxides of carbon when burned

# 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures

Product information This product has not been tested on animals to obtain toxicology data.

Inhalation Not expected to be an inhalation hazard under normal conditions of intended use

Eye contact Avoid contact with eyes.
Skin contact Avoid contact with skin.
Ingestion Do not taste or swallow.

Information on physical, chemical and toxicological effects

Symptoms See Section 4.

### 12. ECOLOGICAL INFORMATION

<u>Component Ecotoxicity</u> There is no specific data available for this product; however, very large releases may be harmful or fatal to

overexposed aquatic life.

For Diethyl Phthalate:

Pimephales promeias	96 Hr: LC50	17 mg/L (flow-through)	Desmodesmus subspicatus	72 Hr EC <sub>50</sub>	23 mg/L
Pimephales promeias	96 Hr: LC50	16.8 mg/L (static)	Desmodesmus subspicatus	72 Hr EC <sub>50</sub>	23 mg/L
Lepornis macrochirus	96 Hr: LC50	16.7 mg/L (static)	Desmodesmus subspicatus	96 Hr EC50	21 mg/L
Onchorhynchus mykiss	96 Hr: LC50	12 mg/L (flow-through)	Desmodesmus subspicatus	96 Hr EC50	21 mg/L (static)
Daphnia magna	48 Hr: EC <sub>50</sub>	36-74 mg/L	Pseudokirchneriella	96 Hr EC <sub>50</sub>	42-255 mg/L
			subcapitata		
Daphnia magna	48 Hr: EC50	86 mg/L (static)	Pseudokirchneriella	96 Hr EC50	2.11-4.29 mg/L (static)
			subcapitata		

# 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Follow all local and national government regulations in disposing material or contaminated

packaging.

Contaminated Packaging For bulk only: Reuse of empty drums or containers is not recommended. Employees should be

advised of the potential hazards due to residual material associated with empty containers.

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

# 14. TRANSPORTATION INFORMATION

DOT<br/>IATANot regulated<br/>Not regulatedIMDGNot regulated

# 15. REGULATORY INFORMATION

### International Inventories

EINECS This product is a medical device and not subject to chemical notification requirements.

### **US Federal Regulations**

TSCA This product is an FDA regulated device and not subject to TSCA regulations.

SARA 302 - Extremely Hazardous - Not Listed

SARA 311 / 312 Hazard Categories - This product is an FDA regulated device and not subject to reporting requirements.

# 16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Physical Hazards
	1	1	0

Effective 24-May-2021

<u>Disclaimer</u> The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



# SAFETY DATA SHEET

Effective Date 26-May-2021 Version 5

# 1. IDENTIFICATION

**Product Identifier** 

Product Name SELF CURING DENTURE POWDER / JET DENTURE REPAIR POWDER

Other means of identification

**SDS#** 004

Product Code 0830, 0834, 0850, 0856, 0870, 0880 / 1212, 1220, 1223, 1230, 1234, 1250, 1256, 1270, 1280

Recommended use of the chemical and restrictions on use

Recommended Use Fabrication of dentures

Details of the supplier of the safety data sheet

**Supplier Address** Lang Dental Mfg. Co., Inc.

175 Messner Dr. Wheeling, IL 60090

USA

Emergency telephone number

**Company Phone Number** +1 847-215-6622

Emergency Telephone (INFOTRAC) +1 352-323-3500 (International)

800-535-5053 (North America)

<u>Authorized European Representative</u> MediMark® Europe SARL

11, rue Emile Zola. BP 2332 38033 Grenoble Cedex 2

France

Tel: +33 476 86 43 22 Fax: +33 476 17 19 82

Email: info@medimark-europe.com

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Skin sensitization Category 1

Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.



Physical State Powder Appearance Fine, white to pigmented Odor Faint odor in bulk

**Precautionary Statements – Prevention** 

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.
P264 Wash hands and exposed skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

P363 Wash contaminated clothing before reuse. P302+P352 IF ON SKIN: Wash with soap and water.

P305+P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy

+P338 to do – continue rinsing.

P308+P313 If exposed or concerned: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists, get medical advice/attention.

#### Precautionary Statements - Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %	Trade Secret
Polymer	9011-14-7	< 90	*
Benzoyl peroxide	94-36-0	< 2	*

<sup>\*</sup>Specific chemical weight has been withheld as a trade secret.

### 4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air. Keep at rest in a position comfortable for breathing. Get medical attention if discomfort

persists.

Eye contact Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists,

get medical advice / attention.

Ingestion Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk.

Never give anything by mouth to an unconscious person. Call a physician or poison control center

immediately and provide an estimate of when and how much material was ingested.

**Skin Contact**Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash

before reuse.

Most important symptoms and effects, both acute and delayed

**Symptoms** Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

# 5. FIRE-FIGHTING MEASURES

**Extinguishing Media** 

Suitable: Water, chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide (CO<sub>2</sub>),

**Unsuitable:** Water may not be effective in extinguishing this fire.

### Specific hazards arising from the chemical

For bulk size: Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.

#### **Special Fire Fighting Procedures:**

Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.

### Protective equipment and precautions for firefighters

For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static charge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

thoroughly before reuse.

Methods and material for containment and clean-up

Method for containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material, sand

or earth. May contaminate water supply.

Method for clean-up Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up

spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of

warm water and soap.

### 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or

fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly

after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed to prevent water absorption and contamination. Store in a dry, cool

and well-ventilated place away from direct sunlight or other sources of light or intense heat.

Temperature not to exceed 35°C.

**Packaging materials** Keep in original container.

Incompatible materials Strong oxidizing agents

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Exposure guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Benzoyl peroxide	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
94-36-0	_	_	-

**Appropriate engineering controls** 

Apply technical measures to comply with the occupational exposure limits. When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

#### Individual protection measures, such as personal protective equipment

Eye / face protection Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to

US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure

that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear

gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the

appropriate standards of Canada or the EC member states.

Respiratory protection No special respiratory protection is required under typical circumstances of use or handling. If

> necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its

provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical state Powder Odor Faint odor in bulk

**Appearance** Fine

Color White to pigmented

**Property** Values

Flash point 304°C / 579°F **Autoignition Temperature** 80°C

**Evaporation rate** Not applicable Flammability limits in air

**Upper flammability limit** Not applicable Lower flammability limit Not applicable

Specific gravity

### 10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions

<u>Chemical stability</u> Stable under recommended storage conditions

Possibility of hazardous reactions None under normal processing

Hazardous polymerization Does not occur.

Incompatible materials Strong oxidizing agents

Hazardous decomposition products

Methacrylate monomer, oxides of carbon when burned

### 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposures

**Product information** This product has not been tested on animals to obtain toxicology data.

**Inhalation** Not expected to be an inhalation hazard under normal conditions of intended use

Eye contact Avoid contact with eyes.
Skin contact Avoid contact with skin.
Ingestion Do not taste or swallow.

### Information on physical, chemical and toxicological effects

Symptoms See Section 4.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Component Carcinogenicity No data available

#### 12. ECOLOGICAL INFORMATION

<u>Component Ecotoxicity</u> There is no specific data available for this product; however, very large releases may be harmful or fatal to

overexposed aquatic life.

 Persistence and degradability
 Not determined

 Bioaccumulation
 Not determined

 Mobility
 Not determined

 Other adverse effects
 Not determined

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

**Disposal of wastes**Follow all local and national government regulations in disposing material or contaminated

packaging.

Contaminated Packaging For bulk only: Reuse of empty drums or containers is not recommended. Employees should be

advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with federal, state and local regulations.

### 14. TRANSPORTATION INFORMATION

DOT<br/>IATANot regulated<br/>Not regulatedIMDGNot regulated

# 15. REGULATORY INFORMATION

#### **International Inventories**

EINECS This product is a medical device and not subject to chemical notification requirements.

### **US Federal Regulations**

TSCA This product is an FDA regulated device and not subject to TSCA regulations.

SARA 302 - Extremely Hazardous - Not Listed

SARA 311 / 312 Hazard Categories - This product is an FDA regulated device and not subject to reporting requirements.

SARA 313 – Toxic Chemicals, component Benzoyl peroxide 94-36-0 Listed

### **US State Regulations**

California Proposition 65 – This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: None

# 16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Physical Hazards
	1	1	0

Effective Date 26-May-2021

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet