

85Z1-8 - Pigmisil Colour pastes

Material number 085Z1-8

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1. Product and company identification**Product identifier**

Trade name: 85Z1-8 - Pigmisil Colour pastes

Relevant identified uses of the substance or mixture and uses advised againstGeneral use: Pigment paste for orthopedic procedures.
For industrial purposes only.**Details of the supplier of the safety data sheet**Company name: Otto Bock Health Care
Street/POB-No.: 3820 W. Great Lakes Drive
Postal Code, city: Salt Lake City, UT 84120
USAWWW: www.ottobockus.com

Telephone: +1 (801) 956-2400

Telefax: +1 (801) 956-2401

Dept. responsible for information:

Quality Department,
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),
Email: USRegulatory@ottobock.com

Additional information: This safety data sheet pertains to the following products:

Article No. 85Z1: Pigmisil = white
Article No. 85Z2: Pigmisil = flesh-colored
Article No. 85Z3: Pigmisil = yellow
Article No. 85Z4: Pigmisil = blue
Article No. 85Z5: Pigmisil = red
Article No. 85Z6: Pigmisil = black
Article No. 85Z7: Pigmisil = rust
Article No. 85Z8: Pigmisil = buffalo brownCorporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany**Emergency phone number**

CHEMTREC, Telephone: +1 (800) 424-9300

2. Hazards identification**Emergency overview**Appearance: Form: pasty
Color: refer to section 1

Odor: odorless

Classification: This material is classified as not hazardous.

Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

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Hazards not otherwise classified

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Pigment paste

4. First aid measures

- In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.
- Following skin contact: Thoroughly wash skin with soap and water. Change contaminated clothing. Consult a doctor if skin irritation persists.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Never give anything by mouth to an unconscious person. Do not induce vomiting without medical assistance. Rinse mouth with water. Seek medical attention.

Most important symptoms/effects, acute and delayed

After eye contact: Mild irritant

Information to physician

Treat symptomatically.

5. Fire fighting measures

- Flash point/flash point range:
> 212 °F
- Auto-ignition temperature: No data available
- Suitable extinguishing media:
Water spray jet, foam, dry chemical powder, carbon dioxide.
- Extinguishing media which must not be used for safety reasons:
Full water jet.

Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.
In case of fire may be liberated: carbon monoxide and carbon dioxide.

- Protective equipment and precautions for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.
- Additional information: Seal off endangered area. Cool endangered containers with water spray and, if possible, remove from danger zone. Use a water fog to control vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

- Personal precautions: Provide fresh air. Avoid contact with skin, eyes, and clothing. Wear appropriate protective equipment.
- Environmental precautions: Do not allow to penetrate into soil, waterbodies or drains.

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Methods for clean-up: Take up mechanically, placing in appropriate containers for disposal. Final cleaning. Dispose of waste according to applicable legislation.

7. Handling and storage

Handling

Advices on safe handling: Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin, eyes, and clothing. Wear appropriate protective equipment. When using do not eat, drink or smoke. Wash hands before breaks and after work.

Precautions against fire and explosion:

Take standard precautions to prevent fire.

Specific use(s)

Pigment paste for orthopedic procedures.

Storage

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Do not drop, drag or bang the container. Store material away from heat sources and open fires.

Hints on joint storage:

Do not store together with strong oxidizing agents.

Further details:

Restricted to professional users.

8. Exposure controls / personal protection

Engineering controls

Provide adequate ventilation.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection

Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection

Recommended: Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Rubber (0.5 mm)

Breakthrough time: > 480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection:

Respiratory protection is not necessary if room is well ventilated.

General hygiene considerations:

Avoid contact with skin, eyes, and clothing. Change contaminated clothing. Have eye wash bottle or eye rinse ready at work place. When using do not eat, drink or smoke.

Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form: pasty

Color: refer to section 1

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Odor:	odorless
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	> 212 °F
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1.00 - 1.86 g/cm ³
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Viscosity, dynamic:	144000 - 212000 mPa*s

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	No dangerous reactions are known.
Conditions to avoid:	Excessive heating, humidity.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	In case of fire may be liberated: carbon monoxide and carbon dioxide.
Thermal decomposition:	No data available

11. Toxicological information

Toxicological tests

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Serious eye damage/irritation: Lack of data.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

Symptoms

After eye contact: Mild irritant

12. Ecological information

Ecotoxicity

Further details: No data available

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

Volatile organic compounds (VOC):

< 0.1 % by weight

General information:

Do not allow to penetrate into soil, waterbodies or drains.

13. Disposal considerations

Product

Recommendation: Incinerate according to applicable local, state and federal regulations.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

14. Transport information

USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

TSCA: All ingredients are listed or need not be listed.

National regulations - Great Britain

Hazchem-Code: -

16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 0 (Minimal)
 Fire: 1 (Slight)
 Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 0 (Minimal)
 Flammability: 1 (Slight)
 Physical Hazard: 0 (Minimal)
 Personal Protection: B

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
B	

Reason of change: Changes in section 1.3: Corporate headquarters

Date of first version: 4/26/2007

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.