



# SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

## 85H31 - Kun Gel Componentes A + B as a Set

Material number 085H31

Revision date: 12/17/2025  
Version: 6.2  
Replaces version: 6.1  
Language: en-US  
Date of print: 5/29/2026

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### 1. Identification

#### Product identifier

Trade name: 85H31 - Kun Gel Componentes A + B as a Set

This safety data sheet pertains to the following products:

Article No. 85H31=A - Kun Gel Component A

Article No. 85H31=B - Kun Gel Component B

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

General use: For the production of Silicone-cushions and - pads for orthopedic procedures.

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

Company name: Otto Bock Health Care

Street/POB-No.: 3820 W. Great Lakes Drive

Zip code, city: Salt Lake City, UT 84120  
USA

WWW: [www.ottobockus.com](http://www.ottobockus.com)

Telephone: +1 (801) 956-2400

Telefax: +1 (801) 956-2401

Department responsible for information:

Quality Department,

Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),

Email: [USRegulatory@ottobock.com](mailto:USRegulatory@ottobock.com)

Additional information: Corporate headquarters:  
Ottobock SE & Co. KGaA  
Max-Näder-Straße 15  
Duderstadt  
Germany

#### Emergency telephone number

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

### 2. Hazard identification

#### Classification of the substance or mixture

This material is classified as not hazardous.

#### Label elements

Symbols: not applicable

Hazard statements: not applicable

Precautionary statements: not applicable

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### 3. Composition/information on ingredients

#### Mixtures

Chemical characterization: Polysiloxane  
85H31=A: Kun Gel Component A: contains Platinum-Catalyst  
85H31=B: Kun Gel Component B: contains oils, SiH - functionalized

### 4. First aid measures

In case of inhalation: Provide fresh air.  
Seek medical treatment in case of troubles.

Following skin contact: Change contaminated clothing.  
After contact with skin, wash immediately with soap and plenty of water.  
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.  
Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. Immediately get medical attention.  
Allow the injured person to vomit independently, but only in a fully conscious state.

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

After eye contact: mild irritant

#### Information to physician

Treat symptomatically.

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

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

Danger of formation of toxic pyrolysis products.  
In case of fire may be liberated: Silicon dioxide, carbon monoxide and carbon dioxide.

#### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus.

Additional information: You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

### 6. Accidental release measures

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

Provide adequate ventilation.

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### Environmental precautions:

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

### Methods and material for containment and cleaning up

Methods for clean-up: Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder.  
Store in special closed containers and dispose of according to ordinance.

Additional information: Special danger of slipping by leaking/spilling product.

## 7. Handling and storage

### Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storerooms and containers:

Keep container tightly closed.  
Keep only in the original container.  
Keep at temperature not exceeding 95 °F.

Hints on joint storage: Keep away from oxidizing agents and strong alkaline material.

## 8. Exposure controls/personal protection

### Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

### Personal protection equipment (PPE)

Hand protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138.  
Glove material: butyl caoutchouc (butyl rubber)-Breakthrough time: > 120 min.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed safety glasses according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2003.

#### General hygiene considerations:

Avoid contact with skin and eyes.  
Wash hands before breaks and after work.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa: Form: liquid  
Color: colorless,  
85H31=A: Kun Gel Component A: clear  
85H31=B: Kun Gel Component B: cloudy  
Odor: odorless  
Odor threshold: No data available

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Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Explosion limits:	No data available
Flash point/flash point range:	No data available
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Dynamic viscosity:	approx. 1,000 mPa*s
Water solubility:	practically insoluble
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	No data available
Density:	approx. 1 g/mL
Vapor density:	No data available
Particle characteristics:	Not applicable

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	No data available
Possibility of hazardous reactions:	None known
Conditions to avoid:	Keep away from heat.
Incompatible materials:	Reacts with oxidizing agents and strong alkaline material.
Hazardous decomposition products:	Danger of formation of toxic pyrolysis products. In case of fire may be liberated: Silicon dioxide, carbon monoxide and carbon dioxide. decomposition products 85H31=B: Kun Gel Component B: hydrogen (max. 3 l/kg)

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### 11. Toxicological information

#### Information on toxicological effects

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

#### Persistence and degradability

Further details: No data available

#### Bioaccumulative potential

Partition coefficient: n-octanol/water:  
No data available

#### Mobility in soil

No data available

#### Other adverse effects

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

### 13. Disposal considerations

#### Waste treatment methods

##### Product

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



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### Package

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

## 14. Transport information

### UN number

DOT, IMDG, IATA-DGR: not applicable

### UN proper shipping name

DOT, IMDG, IATA-DGR: Not restricted

### Transport hazard class(es)

DOT, IMDG, IATA-DGR: not applicable

### Packing group

DOT, IMDG, IATA-DGR: not applicable

### Environmental hazards

Marine pollutant: no

### Transport in bulk according to IMO instruments

No data available

### Special precautions for user

#### 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

No data available

### National regulations - U.S. State Regulations

No data available

### Further regulations, limitations and legal requirements

No data available

## 16. Other information

Revision date: 12/17/2025

Date of first version: 6/19/2008

Reason of change: General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022  
General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

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	

Abbreviations and acronyms:

CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
DOT: Department of Transportation's Safety Regulations (USA)  
EC: European Community  
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods  
EQ: Excepted quantities  
IATA: International Air Transport Association  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
IMO: International Maritime Organization  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
TRGS: Technical Rules for Hazardous Substances  
vPvB: Very persistent and very bioaccumulative

### Department issuing data sheet

Contact person: see section 1: Department 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.