



SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

636N10 - OTTO BOCK Contact Adhesive

Material number 636N10

Revision date: 12/17/2025
Version: 9.2
Replaces version: 9.1
Language: en-US
Date of print: 5/29/2026

Page: 1 of 8

1. Identification

Product identifier

Trade name: 636N10 - OTTO BOCK Contact Adhesive

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

General use: Adhesive for orthopedic procedures.
For use in industrial installations and professional treatment only.

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
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
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

Other hazards

Vapors irritate eyes, mucous membranes and respiratory system.
Higher doses may lead to a narcotic effect. Danger of metabolic acidosis.

3. Composition/information on ingredients

Mixtures

Chemical characterization: Various copolymerisates, resins, stabilisers, emulsifiers: dispersion in water (40-60%)

4. First aid measures

In case of inhalation:	Provide fresh air. Put victim at rest. Seek medical treatment in case of troubles.
Following skin contact:	After contact with skin, wash immediately with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing:	Do NOT induce vomiting. Rinse mouth. Immediately get medical attention.

Most important symptoms/effects, acute and delayed

Higher doses may lead to a narcotic effect. Danger of metabolic acidosis.

Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings. 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

Not combustible.

In the event of a fire, the following may be produced when the water evaporates: Toxic gases may form.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Do not breathe fumes.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.
Wear personal protection equipment.
Avoid contact with skin and eyes. Avoid breathing mist/vapors/spray.

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.

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Provide good ventilation in the work area.
Avoid generation of vapors/aerosols.
Wear personal protection equipment.
Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

storage temperature: 41 - 104 °F. Protect from frost and exposure to sun.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Appropriate engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Personal protection equipment (PPE)

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

Hand protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: Nitrile rubber, Butyl caoutchouc (butyl rubber), fluoro rubber
Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

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

Body protection: Wear suitable protective clothing.

General hygiene considerations:

Avoid contact with skin and eyes. Do not breathe vapor/aerosol.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.
Keep away from food, drink and animal feedingstuffs.
Take off immediately all contaminated clothing.

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	liquid
Color:	white
Odor:	weak amine odor
Odor threshold:	No data available
Melting point/freezing point:	coagulation <= 24.8 °F
Initial boiling point and boiling range:	212 °F (DIN 53 171)
Flammability:	not applicable
Explosion limits:	No data available
Flash point/flash point range:	> 212 °F (DIN 51 755)
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	at 68 °F: 7
Dynamic viscosity:	at 68 °F: 1,000 mPa*s (DIN 53018)
Viscosity, kinematic:	<= 300 (flow time, 3mm)
Water solubility:	at 68 °F: complete miscible
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	at 68 °F: 23 hPa (DIN EN 12)
Density:	at 68 °F: 1.02 g/mL (DIN 51757)
Vapor density:	No data available
Particle characteristics:	Not applicable

Additional information

Solid content:	55 %
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10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions. Not combustible.

Possibility of hazardous reactions:

No hazardous reaction when handled and stored according to provisions.

Conditions to avoid: Protect from frost, heat and sunlight.

Incompatible materials: None known

Hazardous decomposition products:
No hazardous decomposition products when regulations for storage and handling are observed.

11. Toxicological information

Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Based on available data, the classification criteria are not met.
Acute toxicity (dermal): Based on available data, the classification criteria are not met.
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.
Skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms

Vapors irritate eyes, mucous membranes and respiratory system.
In case of inhalation:
Higher doses may lead to a narcotic effect. Danger of metabolic acidosis.

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: Elimination from water is possible through precipitation or flocculation.

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.

Package

Recommendation: Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
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

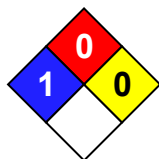
Further regulations, limitations and legal requirements

No data available

16. Other information

Revision date: 12/17/2025
Date of first version: 10/30/1994
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: 1 (Slight)
Fire: 0 (Minimal)
Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)
Flammability: 0 (Minimal)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X



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Abbreviations and acronyms:

AS/NZS: Australian Standards/New Zealand Standards
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
EN: European Standard
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.