

635C15=0.025-7 - OBSS Black Vinyl Coat

Material number 635C15=0.025-7

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1. Identification

Product identifier

Trade name: 635C15=0.025-7 - OBSS Black Vinyl Coat

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

General use: Paint 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
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
Transport:
CONSULTANK Lutz Harder GmbH (Contract QUALI003)
Telephone: +49 (0)178-4337434 (from USA: 01149 178 4337434)

2. Hazard identification

Classification of the substance or mixture

Flammable Liquid - Category 2	Highly flammable liquid and vapor.
Skin Irritation - Category 2	Causes skin irritation.
Eye Irritation - Category 2A	Causes serious eye irritation.
Reproductive toxicant - Category 2	Suspected of damaging the unborn child.
Specific Target Organ Toxicity (Single Exposure) - Category 3	May cause drowsiness or dizziness.
Specific Target Organ Toxicity (Repeated Exposure) - Category 2	May cause damage to organs through prolonged or repeated exposure.
Aspiration Toxicity - Category 1	May be fatal if swallowed and enters airways.
Additional information 20 % percent of the mixture consists of ingredient(s) of unknown toxicity.	

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Label elements

Symbols:



Signal word:

Danger

Hazard statements:

Highly flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of damaging the unborn child.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

Obtain special instructions before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge.
Do not breathe vapors.
Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
IF ON SKIN: Wash with plenty of water/soap.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice/attention if you feel unwell.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
In case of fire: Use dry powder, foam or carbon dioxide for extinction.

Dispose of contents/container to hazardous or special waste collection point.

Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may have a narcotic effect.

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3. Composition/information on ingredients

Mixtures

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 67-64-1	Acetone	45 - 49 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 78-93-3	Butanone	10 - 15 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 108-88-3	Toluene	8 - 12 %	Flammable Liquid - Category 2. Skin Irritation - Category 2. Reproductive toxicant - Category 2. Specific Target Organ Toxicity (Single Exposure) - Category 3. Specific Target Organ Toxicity (Repeated Exposure) - Category 2. Aspiration Toxicity - Category 1.
CAS 1330-20-7	Xylene (isomeric mixture)	1 - 3 %	Flammable Liquid - Category 3. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 4. Skin Irritation - Category 2.
CAS 100-41-4	Ethylbenzene	0.1 - 1 %	Flammable Liquid - Category 2. Acute Toxicity - inhalative - Category 4. Specific Target Organ Toxicity (Repeated Exposure) - Category 2. Aspiration Toxicity - Category 1.

The actual concentration or concentration range is withheld as a trade secret.

4. First aid measures

General information:	If victim is at risk of losing consciousness, position and transport on their side.
In case of inhalation:	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Immediately get medical attention.
Following skin contact:	Immediately remove all contaminated clothing. Thoroughly wash skin with soap and water. 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. Subsequently consult an ophthalmologist.
After swallowing:	Do not induce vomiting. Keep airway open. Immediately get medical attention.

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Most important symptoms/effects, acute and delayed

May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation.

Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

In case of fire: Use dry powder, foam or carbon dioxide for extinction.

Extinguishing media which must not be used for safety reasons:

Strong water jet

Specific hazards arising from the chemical

Highly flammable liquid and vapor.

Air combined with vapors may form potentially explosive mixtures that are heavier than air. Vapors may proceed on the ground over great distances and cause fire and backflashes.

In case of fire may be liberated: Carbon monoxide and carbon dioxide, hydrocarbons, Hydrogen chloride

Protective equipment and precautions for firefighters

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: danger of bursting and explosion. Use fine water spray to cool endangered containers.

Move undamaged containers from immediate hazard area if it can be done safely.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Obtain special instructions before use. Eliminate all ignition sources if safe to do so.

Wear appropriate protective equipment. Keep unprotected people away.

Do not breathe vapor/aerosol. Provide adequate ventilation.

Avoid contact with skin and eyes.

Environmental precautions:

Do not allow to enter soil, sewage, water bodies, lower level rooms or pits.

Methods and material for containment and cleaning up

Methods for clean-up:

Take up with non-flammable, liquid binding material (e.g. sand/earth/diatomaceous earth/vermiculit) and perform disposal according to instructions.

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Additional information: Use only explosion-protected equipment/instruments.

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation, and local exhaust as needed. Do not breathe vapors.
Avoid contact with skin and eyes. Wear appropriate protective equipment.
Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharges.
Use only explosion-protected equipment/instruments. Do not weld.
In partially filled containers explosive mixtures may form.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from heat and direct sunlight.
Store containers in upright position. Explosion protection required.

Hints on joint storage:

Do not store together with combustible or self-igniting materials or any highly flammable solids. Keep away from food, drink and animal feedingstuffs. Keep away from oxidizing agents.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-64-1	Acetone	USA: ACGIH: STEL	500 ppm
		USA: ACGIH: TWA	250 ppm
		USA: IDLH: TWA	2,500 ppm
		USA: NIOSH: TWA	590 mg/m³; 250 ppm
		USA: OSHA: TWA	2,400 mg/m³; 1,000 ppm
78-93-3	Butanone	USA: ACGIH: STEL	150 ppm
			(may be absorbed through the skin)
		USA: ACGIH: TWA	75 ppm
			(may be absorbed through the skin)
		USA: IDLH: TWA	3,000 ppm
		USA: NIOSH: STEL	885 mg/m³; 300 ppm
		USA: NIOSH: TWA	590 mg/m³; 200 ppm
		USA: OSHA: TWA	590 mg/m³; 200 ppm
108-88-3	Toluene	USA: ACGIH: TWA	20 ppm
		USA: IDLH: TWA	500 ppm
		USA: NIOSH: STEL	560 mg/m³; 150 ppm
		USA: NIOSH: TWA	375 mg/m³; 100 ppm
		USA: OSHA: Ceiling	500 ppm
		USA: OSHA: STEL	300 ppm
		USA: OSHA: TWA	200 ppm
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH: TWA	20 ppm
		USA: IDLH: TWA	900 ppm
		USA: NIOSH: STEL	655 mg/m³; 150 ppm
		USA: NIOSH: TWA	435 mg/m³; 100 ppm
		USA: OSHA: TWA	435 mg/m³; 100 ppm
100-41-4	Ethylbenzene	USA: ACGIH: TWA	87 mg/m³; 20 ppm
		USA: IDLH: TWA	800 ppm [10% LEL]
		USA: NIOSH: STEL	545 mg/m³; 125 ppm
		USA: NIOSH: TWA	435 mg/m³; 100 ppm
		USA: OSHA: TWA	435 mg/m³; 100 ppm

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Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-64-1	Acetone	USA: ACGIH-BEI, urine	25 mg/L	acetone	end of exposure or end of shift
78-93-3	Butanone	USA: ACGIH-BEI, urine	2 mg/L	MEK	end of exposure or end of shift
108-88-3	Toluene	USA: ACGIH-BEI, blood	0.02 mg/L	Toluene in blood	Prior to last shift of workweek
		USA: ACGIH-BEI, urine	0.03 mg/L	Toluene in urine	end of exposure or end of shift
		USA: ACGIH-BEI, urine	0.3 mg/g creatinine	o-Cresol in urine	end of exposure or end of shift
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH-BEI, urine	0.3 g/g creatinine	Methylhippuric acids in ur	end of exposure or end of shift
100-41-4	Ethylbenzene	USA: ACGIH-BEI, urine	150 mg/g creatinine	Sum of mandelic acid and phenylglyoxylic acid in urine	end of exposure or end of shift

Appropriate engineering controls

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

Personal protection equipment (PPE)

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Hand protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: nitrile rubber, neoprene
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: Flame retardant, antistatic and chemical resistant protective clothing.

General hygiene considerations:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
Do not breathe vapor/aerosol. Avoid contact with skin and eyes.
Take off immediately all contaminated clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.
Work place should be equipped with a shower and an eye rinsing apparatus.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa	liquid
Color:	Form: liquid colorless, clear
Odor:	like solvent
Odor threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	132.8 - 278.6 °F
Flammability:	Highly flammable liquid and vapor.
Explosion limits:	LEL (Lower Explosion Limit): 1.00 Vol-% UEL (Upper Explosive Limit): 16.00 Vol-%
Flash point/flash point range:	-4 °F (TCC)
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Viscosity:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	at 68 °F: 246 hPa
Density:	No data available
Vapor density:	No data available
Particle characteristics:	Not applicable

Additional information

Additional information:	Relative vapor density at 68 °F (air=1): >1 Relative density: 0.89 (Water = 1) Volatile organic compounds (VOC): 638.4 g/L; 71.73 %
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10. Stability and reactivity

Reactivity:	Highly flammable liquid and vapor. Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Heating will lead to pressure increase: danger of bursting and explosion. Hazardous polymerisation: Will not occur.
Conditions to avoid:	Keep away from heat sources, sparks and open flames. Protect from direct sunlight. Do not store at temperatures over: 347 °F (>10 minutes)
Incompatible materials:	Strong oxidizing agents.

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Hazardous decomposition products:

In case of fire may be liberated: Carbon monoxide and carbon dioxide, hydrocarbons, Hydrogen chloride.

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: Skin Irritation - Category 2 = Causes skin irritation.
- Serious eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.
- 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: Reproductive toxicant - Category 2 = Suspected of damaging the unborn child.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness.
- Specific target organ toxicity (repeated exposure): Specific Target Organ Toxicity (Repeated Exposure) - Category 2 = May cause damage to organs through prolonged or repeated exposure.
- Aspiration hazard: Aspiration Toxicity - Category 1 = May be fatal if swallowed and enters airways.

Symptoms

Headache, nausea, irritation to respiratory tract
After contact with skin: Causes skin irritation.
After eye contact: Causes serious eye irritation.

General remarks

For carcinogenic effects:
Information about Toluene CAS No. 108-88-3
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed.

For carcinogenic effects:
Information about Xylene (isomeric mixture) CAS No. 1330-20-7
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed.

For carcinogenic effects:
Information about Ethylbenzene CAS No. 100-41-4
IARC Rating: Group 2B
OSHA Carcinogen: not listed
NTP Rating: not listed.

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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: Dispose of as hazardous waste. Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle empty containers with care. Incineration may cause explosion.

14. Transport information**UN number**

DOT: UN1139

IMDG, IATA-DGR: UN 1139

UN proper shipping name

DOT: UN 1139, Coating solution

IMDG, IATA-DGR: UN 1139, COATING SOLUTION

Transport hazard class(es)

DOT: 3

IMDG: Class 3, Subrisk -

IATA-DGR: Class 3

Packing group

DOT, IMDG, IATA-DGR: II





SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

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Revision date: 3/3/2026
Version: 5.4
Replaces version: 5.3
Language: en-US
Date of print: 5/29/2026

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Environmental hazards

Marine pollutant: no

Transport in bulk according to IMO instruments

No data available

Special precautions for user

USA: Department of Transportation (DOT)

Labels: 3
Special Provisions: 149, 383, IB2, T4, TP1, TP8
Packaging – Exceptions: 150
Packaging – Non-bulk: 202
Packaging – Bulk: 242
Quantity limitations – Passenger aircraft / rail: 5 L
Quantity limitations – Cargo only: 60 L
Vessel stowage – Location: B

Sea transport (IMDG)

EmS: F-E, S-E
Special Provisions: -
Limited quantities: 5 L
Excepted quantities: E2
Package - Instructions: P001
Package - Provisions: -
IBC - Instructions: IBC02
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: T4
Tank instructions - Provisions: TP1, TP8
Stowage and handling: Category B.
Properties and observations: Miscibility with water depends upon the composition.
Marine pollutant: no
Segregation group: none

Air transport (IATA)

Proper shipping name: UN 1139, COATING SOLUTION
Hazard label: Flamm. liquid
Excepted Quantity Code: E2
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y341 - Max. Net Qty/Pkg. 1 L
Passenger and Cargo Aircraft: Pack.Instr. 353 - Max. Net Qty/Pkg. 5 L
Cargo Aircraft only: Pack.Instr. 364 - Max. Net Qty/Pkg. 60 L
Special Provisions: A3
Emergency Response Guide-Code (ERG): 3L

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15. Regulatory information

National regulations - U.S. Federal Regulations

Acetone:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA SOCM Chemical: yes</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>RCRA Groundwater Monitoring: listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0004*</p>
Butanone:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM Chemical: yes</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>RCRA Hazardous Wastes: Waste Code U159, D035; Reg. Level 200.0 mg/L</p> <p>RCRA Groundwater Monitoring: listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0069*</p>
Toluene:	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 3</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM Chemical: yes</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category C; RQ 1000.0 lbs</p> <p>CWA Priority Pollutants: listed</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 1000 lbs.</p> <p>RCRA Hazardous Wastes: Waste Code U220</p> <p>RCRA Groundwater Monitoring: listed</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=1.0 %;</p> <p>Thresholds 25000/10000 lbs</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0619</p>

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Xylene (isomeric mixture):	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 3</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM Chemical: yes</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category B; RQ 100.0 lbs</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 100 lbs.</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=1.0 %;</p> <p>Thresholds 25000/10000 lbs</p>
Ethylbenzene:	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 2B</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM Chemical: yes</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category C; RQ 1000.0 lbs</p> <p>CWA Priority Pollutants: listed</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 1000 lbs.</p> <p>RCRA Groundwater Monitoring: listed</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=0.1 %;</p> <p>Thresholds 25000/10000 lbs</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0264*</p>

National regulations - U.S. State Regulations

Product:	WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.
Acetone:	New York Right-To-Know: listed
Butanone:	New York Right-To-Know: listed
Toluene:	California Proposition 65: developmental
	New York Right-To-Know: listed
Xylene (isomeric mixture):	New York Right-To-Know: listed
Ethylbenzene:	California Proposition 65: cancer
	New York Right-To-Know: listed

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labeling: Contains 45 - 49 % Acetone, 10 - 15 % Butanone, 8 - 12 % Toluene, 1 - 3 % Xylene (isomeric mixture), 0.1 - 1 % Ethylbenzene.

Contains: Acetone, Butanone, Toluene

Revision date: 3/3/2026

Date of first version: 6/18/2015

Reason of change: Changes in section 8: Biological Limit Value

Hazard rating systems:



NFPA Hazard Rating:

Health: 3 (Serious)

Fire: 3 (Serious)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 3 (Serious) - Chronic effects

Flammability: 3 (Serious)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	*	3
FLAMMABILITY		3
PHYSICAL HAZARD		0
		X

Abbreviations and acronyms:

Acute Toxicity: Acute toxicity
AS/NZS: Australian Standards/New Zealand Standards
Aspiration Toxicity: Aspiration toxicity
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
Eye Irritation: Eye irritation
Flammable Liquid: Flammable liquid
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
LEL: Lower Explosion Limit
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
Reproductive toxicant: Reproductive toxicity
Skin Irritation: Skin irritation
STOT RE: Specific target organ toxicity - repeated exposure
STOT SE: Specific target organ toxicity - single exposure
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

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.