

**BOSTIK EXPANDA FOAM Revision Number** 1.01

Revision date 19-Aug-2024 Supersedes date 23-May-2024

## Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name BOSTIK EXPANDA FOAM

Product Code(s)

30610110

30610226; 30610110; 30626515; 30626516

Other means of identification

Proper shipping name Aerosols

UN number or ID number UN1950

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Insulation foams

Uses advised against No information available.

**Details of manufacturer or importer** 

SupplierManufacturerBostik Australia Pty LtdBostik Benelux B.V.51-71 High Street,Denariusstraat 11Thomastown Victoria4903 RC OosterhoutAustraliaThe NetherlandsTel: 613 9279-9333Tel: + 31 162 491 000

Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

# Section 2: Hazard(s) identification

#### **GHS Classification**

Aerosols	Category 1 - (H222, H229)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Respiratory sensitization	Category 1 - (H334)
Skin sensitization	Category 1 - (H317)
Carcinogenicity	Category 2 - (H351)
Effects on or via lactation	Yes - (H362)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)

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#### Label elements

Flame Exclamation mark Health hazard



#### Signal word DANGER

#### **Hazard statements**

H222 - Extremely flammable aerosol

H229 - Pressurized container: May burst if heated

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

H351 - Suspected of causing cancer

H362 - May cause harm to breast-fed children

H373 - May cause damage to organs through prolonged or repeated exposure

Repeated exposure may cause skin dryness or cracking

# **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/clothing and eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Avoid contact during pregnancy and while nursing

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

In case of inadequate ventilation wear respiratory protection

Contaminated work clothing should not be allowed out of the workplace

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Do not pierce or burn, even after use

Do not spray on an open flame or other ignition source

# **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

If experiencing respiratory symptoms: Call a POISON CENTER or doctor

**Precautionary Statements - Storage** 

Store in a well-ventilated place

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## Other hazards which do not result in classification

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In case of insufficient ventilation and/or through use, the formation of a explosive/highly flammable mixture is possible.

During transportation by car the cans should stand upright in the cargo space.

When foaming the propellants are highly flammable.

The mentioned hazards are valid for the non-reacted content of the can or of the fresh foam.

May cause long lasting harmful effects to aquatic life.

### Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number 6

#### Label requirements in accordance with SUSMP

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

## Section 3: Composition and information on ingredients, in accordance with Schedule 8

#### Substance

Not applicable

#### Mixture

Chemical name	CAS No.	Weight-%
Diphenylmethane-diisocyanate, isomers and homologues	9016-87-9	15 - 40
Alkanes, C14-17, chloro	85535-85-9	10 - 30
Non-hazardous ingredients	Proprietary	Balance

## Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26

Poisons Information Center, New Zealand: 0800 764 766

#### **Description of first aid measures**

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get

medical advice/attention.

**Inhalation** Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped,

give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical attention.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and

persists.

**Skin contact** May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see

a physician. Wash off immediately with soap and plenty of water for at least 15 minutes.

Do not use solvents or thinners to dissolve the material.

**Ingestion** May produce an allergic reaction. Do NOT induce vomiting. Rinse mouth. Never give

anything by mouth to an unconscious person. Get immediate medical attention.

**Self-protection of the first aider** Remove all sources of ignition. Ensure that medical personnel are aware of the

material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as

required. See section 8 for more information. Avoid breathing vapors or mists.

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

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ **Symptoms** 

or wheezing. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

Burning sensation. Difficulty in breathing.

### Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

#### Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable extinguishing media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media Full water jet. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE

STOPPED.

### Specific hazards arising from the chemical

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Product is or contains a sensitizer. May cause sensitization by inhalation. May cause sensitization by skin contact.

**Hazardous combustion products** 

Carbon oxides. Carbon monoxide. Carbon dioxide (CO2). Hydrogen chloride. Nitrogen oxides (NOx). Hydrogen cyanide. Isocyanates.

#### Special protective actions for fire-fighters

precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See **Personal precautions** 

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take

precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid breathing vapors or mists.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

**Environmental precautions** 

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or **Environmental precautions** 

spillage if safe to do so. Prevent product from entering drains.

# Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce

vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches

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and waterways. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up

Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labeled containers.

### Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

#### Section 7: Handling and storage, including how the chemical may be safely used

## Precautions for safe handling

## Advice on safe handling

Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

### General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

# Conditions for safe storage, including any incompatibilities

# **Storage Conditions**

Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Store locked up. Keep out of the reach of children. Keep/store only in original container. Store in a dry place. Store in a closed container. Keep from freezing.

# Recommended storage

temperature

Do not freeze.

#### Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Incompatible with oxidizing agents. Water. Alcohols. Amines.

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations

## Section 8: Exposure controls and personal protection

#### **Control parameters**

## **Exposure Limits**

Chemical name	Australia
Diphenylmethane-diisocyanate, isomers and homologues	TWA: 0.02 mg/m <sup>3</sup>
9016-87-9	STEL: 0.07 mg/m <sup>3</sup>

OEL as published by Safe Work Australia

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**Appropriate engineering controls** 

**Engineering controls** Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. Safety glasses with side shields are recommended for

medical or industrial exposures.

**Skin and body protection**Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

**Hand protection** For operations where prolonged or repeated skin contact may occur, impervious gloves

should be worn. Impervious gloves. Wear suitable gloves.

Not applicable, Aerosol

**Respiratory protection** Organic gases and vapors filter conforming to EN 14387. Wear a respirator conforming

to EN 140 with Type A filter or better.

Environmental exposure controls No information available.

## Section 9: Physical and chemical properties

## Information on basic physical and chemical properties

Physical stateLiquidAppearanceAerosol FoamColorYellow

Odor Characteristic Slight
Odor threshold No information available

Property Values Remarks • Method

pH No data available Not applicable Insoluble in water

pH (as aqueous solution)
No data available
Melting point / freezing point
No data available
No data available

Initial boiling point and boiling Not applicable, Aerosol . Not applicable, Aerosol range

Flash point Not applicable, Aerosol . Evaporation rate No data available

Flammability

No data available

No data available

Flammability Limit in Air

**Upper flammability or explosive** 18.6 Vol.%

limits

Lower flammability or explosive 1.7 Vol.%

limits

Vapor pressure 6-7 bar @ 23 °C

Relative vapor density
Relative density
Water solubility
Solubility(ies)
Partition coefficient
No data available
No data available
No data available

Autoignition temperature 235 °C

Decomposition temperatureNo data availableKinematic viscosityNo data availableDynamic viscosityNo data availableExplosive propertiesNo information availableOxidizing propertiesNo information available

Other information

Solid content (%) No information available

**Density** 0.95 g/cm<sup>3</sup>

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VOC content Minimum Ignition Temperature (°C) 235 No information available

## Section 10: Stability and reactivity

Reactivity

**Reactivity** No information available.

Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical

impact

Sensitivity to static discharge Yes.

Possibility of hazardous reactions

Possibility of hazardous reactions Heating causes rise in pressure with risk of bursting.

None.

**Conditions to avoid** 

Conditions to avoid Product cures with moisture. Heat, flames and sparks. Excessive heat. Keep away from

open flames, hot surfaces and sources of ignition. Extremes of temperature and direct

sunlight. Do not freeze. Protect from moisture.

**Incompatible materials** 

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents. Incompatible with oxidizing agents.

Water. Alcohols. Amines.

**Hazardous decomposition products** 

**Hazardous decomposition** 

products

Hydrogen cyanide. Carbon monoxide. Carbon dioxide (CO2). Hydrogen chloride.

Nitrogen oxides (NOx).

# Section 11: TOXICOLOGICAL INFORMATION

## **Acute toxicity**

## Information on likely routes of exposure

## **Product Information**

Inhalation Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

fatal. Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). May cause irritation of

respiratory tract. Harmful by inhalation.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. Repeated or prolonged

skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. Causes skin irritation.

**Ingestion** Specific test data for the substance or mixture is not available. May cause additional

affects as listed under "Inhalation". Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

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**Symptoms** Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing,

tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. Redness. May cause

redness and tearing of the eyes.

## Numerical measures of toxicity - Product Information

#### The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) >5000 mg/kg

ATEmix (dermal) >5000 ATEmix (inhalation-gas) >20000 ATEmix (inhalation-vapor) >20 mg/l ATEmix (inhalation-dust/mist) 3.08 mg/l

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diphenylmethane-diisocyanate,	LD50 > 10000 mg/kg (Rattus)	LD 50 > 9400 mg/kg	1.5 mg/L (Rattus) 4 h
isomers and homologues		(Oryctolagus cuniculus)	-
Alkanes, C14-17, chloro	>4000 mg/kg (Rattus)	> 2000 mg/kg (Rattus)	-

See section 16 for terms and abbreviations

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation.

Component Information					
Diphenylmethane-diisocyanate, isomers and homologues (9016-87-9)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404:	Rabbit				Mild skin irritant
Acute Dermal					
Irritation/Corrosion					

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an

allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Diphenylmethane-diisocyanate,	Carc. 2		Group 3
isomers and homologues			
9016-87-9			

Legend

# IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Component Information

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Diphenylmethane-diisocyanate, isomers and homologues (9016-87-9)			
Method	Species	Results	
OECD Test No. 453: Combined Chronic	Rat	Carcinogenic	
Toxicity/Carcinogenicity Studies			

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available

for ingredients. May cause harm to breast-fed children.

**STOT - single exposure** May cause respiratory irritation.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Based on available data, the classification criteria are not met.

# Section 12: Ecological information

## **Ecotoxicity**

Aquatic ecotoxicity May cause long lasting harmful effects to aquatic life. Cured foam has no C14-C17

chloroalkanes leaching in water for a maximum 20% C14-C17 chloroalkanes in mixture. Study: "Pulverized PU Foam HM23. Leaching study, Limit test" by Dr. Christine Jahns

and sponsored by FEICA AISBL, 09.12.2014.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Diphenylmethane-diisoc	ErC50 (72h) >1640 mg/L	CL50 (96h) >1000 mg/L	-	EC50 (24H) >1000 mg/L
yanate, isomers and	Algae (scenedesmus	Danio rerio		Daphnia magna
homologues	subspicatus) (OECD			
9016-87-9	201)			
Alkanes, C14-17, chloro	<u>-</u>	LC50: >500mg/L (48h,	-	EC50 (48h) = 0.007 mg/l
85535-85-9		Leuciscus idus)		(Daphnia magna) OECD
		<b>,</b>		202

## Persistence and degradability

Persistence and degradability No information available.

Component Information			
Diphenylmethane-diisocyanate, isomers and homologues (9016-87-9)			
Method	Exposure time	Value	Results
OECD Test No. 302C: Inherent	28 days	0% biodegradation	Not readily biodegradable
Biodegradability: Modified MITI Test		-	
(II)			

## Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

## **Component Information**

Chemical name	Partition coefficient
Alkanes, C14-17, chloro	7
85535-85-9	

## **Mobility**

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Mobility in soil No information available.

**Mobility** No information available.

Other adverse effects

Other adverse effects No information available.

## Section 13: Disposal considerations

**Disposal methods** 

Waste from residues/unused Should not be released into the environment. Dispose of in accordance with local

regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or

weld containers.

## Section 14: Transport information

ADG

products

UN number or ID number
UN proper shipping name
Transport hazard class(es)
Environmental hazard
UN1950
Aerosols
2.1
No

**Special Provisions** 63, 190, 277, 327, 344, 381

Limited quantity (LQ) See SP 277

**Description** UN1950, Aerosols, 2.1

IATA

UN number or ID number UN1950
Transport hazard class(es) 2.1
ERG Code 10L

Special Provisions A145, A167, A802

Limited quantity (LQ) 30 kg G

**Description** UN1950, Aerosols, flammable, 2.1

**IMDG** 

UN number or ID number
Transport hazard class(es)
EmS-No.
Limited Quantity (LQ)
UN1950
2.1
F-D, S-U
See SP277

**Special Provisions** 63,190, 277, 327, 344, 381, 959

Marine pollutant NP

**Description** UN1950, Aerosols, 2.1, (0°C c.c.)

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

## Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

## National regulations

## Australia

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See section 8 for national exposure control parameters

#### Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number

### **Illicit Drug Precursors/Reagents**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

## Major hazard (accident/incident planning) regulation

Verify that license requirements are met

<u>Hazardous chemical</u> <u>Threshold quantity (T)</u>

Compressed or liquefied gases of Division 2.1 or Subsidiary 200

Risk 2.1

### **International Inventories**

AIIC	Complies
NZIoC	Complies
ENCS	Not Listed
IECSC	Complies
KECL	Complies
PICCS	Complies

#### Legend:

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

## **International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### <u>Europe</u>

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

## **SVHC: Substances of Very High Concern for Authorization:**

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59) >=0.1%

Chemical name	SVHC candidates
Alkanes, C14-17, chloro	X
85535-85-9	

### Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

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## Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 19-Aug-2024

#### **Revision Note**

### Key or legend to abbreviations and acronyms used in the safety data sheet

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value Sk\* Skin designation

C Carcinogen

Section 11: TOXICOLOGICAL INFORMATION

LD50 (lethal dose)

Section 12: Ecological information

EC50 (effective concentration)

#### **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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and 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** 

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<sup>\*\*\*</sup>Indicates updated data since last publication.