SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

Pliobond(TM) 30 ADHESIVE
Revision Number 2

Revision date 29-Apr-2024
Supersedes Date: 04-Mar-2022

1. Identification

1.1. Product identifier

Product Name Pliobond(TM) 30 ADHESIVE

Other means of identification
Other information Not applicable

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

Recommended use Adhesives
Restrictions on use No information available

1.3. Details of the supplier of the safety data sheet

Responsible Party
Bostik Inc.
11320 W. Watertown Plank Road
Wauwatosa, Wisconsin 53226 USA
Phone: +1(800) 726-7845 (Domestic Toll Free)
Phone: +1 (414) 774-2250 (International)

E-mail msds@bostik.com

1.4. Emergency telephone number

Emergency Telephone CHEMTREC (Chemical Transportation Emergency Center)
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)
Rocky Mountain Poison Center: 1-866-767-5089

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 2

Hazards not otherwise classified (HNOC)
Not applicable

2.2. Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements
Causes skin irritation

Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing genetic defects
May cause cancer
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
Highly flammable liquid and vapor



Appearance Viscous **Physical state** Liquid **Odor** Solvent

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Use explosion-proof electrical/ ventilating/ lighting/ equipment

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 skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
Wash contaminated clothing before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing
In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

27 % of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

May be harmful if swallowed. In use, may form flammable/explosive vapor-air mixture.

SAFETY DATA SHEET

3. Composition/information on ingredients

3.1. Substances

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%
Methyl ethyl ketone	78-93-3	40 - 70
Phenol	108-95-2	1 - <5
o-cresol	95-48-7	0.1 - <1
Formaldehyde	50-00-0	0.1 - <1
2,2'-Dibenzothiazyl disulfide	120-78-5	0.1 - <1

**The exact percentage (concentration) of composition has been withheld as a trade secret*

4. First-aid measures

4.1. 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. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

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. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Effects of Exposure No information available.

4.3. Indication of any immediate medical attention and special treatment needed

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

5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

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. Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous combustion products Carbon oxides.

Explosion data
Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See 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). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Avoid breathing vapors or mists. Wash thoroughly after handling.

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

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. 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 and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

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. Clean contaminated surface thoroughly.

Reference to other sections See section 8 for more information. See section 13 for more information.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. 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 locked up.

Recommended storage temperature Keep at temperatures between 50 and 95 °F / 10 and 35 °C. Keep at temperatures between 41 and 77 °F / 5 and 25 °C.

7.3 References to other sections

Reference to other sections Section 10: STABILITY AND REACTIVITY
Section 13: DISPOSAL CONSIDERATIONS

8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Methyl ethyl ketone 78-93-3	TWA: 200 ppm STEL: 300 ppm	TWA: 200 ppm TWA: 590 mg/m^3 (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m^3 (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m^3	IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m^3 STEL: 300 ppm STEL: 885 mg/m^3
Phenol 108-95-2	TWA: 5 ppm Sk*	TWA: 5 ppm TWA: 19 mg/m^3 (vacated) TWA: 5 ppm (vacated) TWA: 19 mg/m^3 (vacated) S* S*	IDLH: 250 ppm Ceiling: 15.6 ppm 15 min Ceiling: 60 mg/m^3 15 min TWA: 5 ppm TWA: 19 mg/m^3
o-cresol	TWA: 20 mg/m^3 inhalable	-	IDLH: 250 ppm

95-48-7	fraction and vapor Sk*		TWA: 2.3 ppm TWA: 10 mg/m³
Formaldehyde 50-00-0	TWA: 0.1 ppm STEL: 0.3 ppm dermal sensitizer;respiratory sensitizer	TWA: 0.75 ppm (vacated) TWA: 3 ppm unless specified in 1910.1048 (vacated) STEL: 10 ppm 30 min unless specified in 1910.1048 (vacated) Ceiling: 5 ppm unless specified in 1910.1048 STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Methyl ethyl ketone 78-93-3	TWA: 200 ppm STEL: 300 ppm	TWA: 155 ppm TWA: 460 mg/m³ STEL: 300 ppm	LPP: 175 ppm LPP: 516 mg/m³ LPT: 300 ppm LPT: 885 mg/m³	STEL: 300ppm TWA: 200ppm
Phenol 108-95-2	TWA: 5 ppm Sk*	TWA: 4 ppm TWA: 15 mg/m³ Skin	LPP: 4.4 ppm LPP: 16.63 mg/m³ Sk*	TWA: 5ppm
o-cresol 95-48-7	TWA: 5 ppm Sk*	TWA: 20 mg/m³	-	TWA: 20mg/m³
Formaldehyde 50-00-0	Sensitizer Ceiling: 0.3 ppm	TWA: 0.1 ppm STEL: 0.3 ppm Ceiling: 1.6 ppm Ceiling: 2.3 mg/m³	LPA: 0.3 ppm LPA: 0.37 mg/m³	STEL: 0.3ppm TWA: 0.1ppm

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Methyl ethyl ketone 78-93-3	TWA: 200ppm STEL: 300ppm	STEL: 300ppm STEL: 885mg/m³ TWA: 200ppm TWA: 590mg/m³	300 ppm STEL 200 ppm TWA	STEL: 300 ppm TWA: 200 ppm
Phenol 108-95-2	TWA: 5ppm	TWA: 5ppm TWA: 19mg/m³	5 ppm TWA	Skin TWA: 5 ppm
o-cresol 95-48-7	TWA: 20mg/m³	-	20 mg/m³ TWA (inhalable fraction and vapor)	Skin TWA: 5 ppm
Formaldehyde 50-00-0	Ceiling: 0.3ppm	-	0.3 ppm STEL 0.1 ppm TWA	STEL: 0.3 ppm

8.2. Exposure controls

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Viscous
Color	Tan
Odor	Solvent
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	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	= 79 °C / 174.2 °F	1013 hPa
Flash point	= -6 °C / 21.2 °F	Seta Closed Cup
Evaporation rate	No data available	None known
Flammability	No data available	Flammable liquid
Flammability Limit in Air		None known
Upper flammability or explosive limits	12.0% (V)	
Lower flammability or explosive limits	2.0% (V)	
Vapor pressure	approx. 121	hPa @ 25 °C
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	7000 mPa s	@ 25 °C

9.2. Other information

Explosive properties	No information available
Oxidizing properties	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Softening point	No information available
Molecular weight	No information available
VOC content	No information available
Density	0.894 g/cm³
Bulk density	No information available

10. Stability and reactivity

10.1. Reactivity

Reactivity No decomposition if stored and applied as directed.

10.2. Chemical stability

Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon monoxide Carbon dioxide (CO2) Hydrocarbons

11. Toxicological information

11.1. Information on toxicological effects

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

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 May cause sensitization by 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). Causes skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity
Numerical measures of toxicity

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

ATEmix (oral)	2,362.40 mg/kg
ATEmix (dermal)	36,567.90 mg/kg

ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) 29.10 mg/l
ATEmix (inhalation-vapor) >20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone 78-93-3	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h
Phenol 108-95-2	=317 mg/kg (Rattus) = 340 mg/kg (Rattus)	= 630 mg/kg (Oryctolagus cuniculus)	=316 mg/m^3 (Rattus) 4 h
o-cresol 95-48-7	= 121 mg/kg (Rattus)	= 1380 mg/kg (Oryctolagus cuniculus)	> 1220 mg/m^3 (Rat) 1 h
Formaldehyde 50-00-0	LD50: 640 mg/kg (Rat) OECD 401	= 270 mg/kg (Oryctolagus cuniculus)	< 463 ppm (Rat) 4 h
2,2'-Dibenzothiazyl disulfide 120-78-5	>12 g/kg (Rattus)	> 7940 mg/kg (Oryctolagus cuniculus)	-

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.

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

Methyl ethyl ketone (78-93-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			irritant

Respiratory or skin sensitization May cause an allergic skin reaction.

Methyl ethyl ketone (78-93-3)
Phenol (108-95-2)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	Did not cause sensitization on laboratory animals

Formaldehyde (50-00-0)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	Sensitizing
OECD Test No. 429: Skin Sensitization	Mouse		Sensitizing

Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for ingredients. Suspected of causing genetic defects.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Phenol	-	Group 3	-	-

108-95-2				
Formaldehyde 50-00-0	A1	Group 1	Known	X

Legend
ACGIH (American Conference of Governmental Industrial Hygienists)
A1 - Known Human Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP (National Toxicology Program)
Known - Known Carcinogen
Occupational Safety and Health Administration of the US Department of Labor
X - Present

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure May cause drowsiness or dizziness.

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.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50: 3130 - 3320mg/L (96h, Pimephales promelas)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna)
Phenol 108-95-2	EC50 72 h 187 - 279 mg/L (Desmodesmus subspicatus)	LC50 96 h =67.5 mg/L (Pimephales promelas flow-through)	EC50 21 - 36 mg/L 30 min EC50 = 23.28 mg/L 5 min EC50 = 25.61 mg/L 15 min EC50 = 28.8 mg/L 5 min EC50 = 31.6 mg/L 15 min	EC50 48 h =12 mg/L (Daphnia magna Static)
o-cresol 95-48-7	EC50: =65mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 9.72 - 15.92mg/L (96h, Pimephales promelas) LC50: =24mg/L (96h, Brachydanio rerio) LC50: =11.5mg/L (96h, Lepomis macrochirus) LC50: 18.37 - 24.21mg/L (96h, Lepomis macrochirus) LC50: =8.4mg/L (96h,	-	EC50: =9.5mg/L (48h, Daphnia magna) EC50: =15.8mg/L (48h, Daphnia magna)

		Oncorhynchus mykiss) LC50: 14.07 - 23.61mg/L (96h, Poecilia reticulata)		
Formaldehyde 50-00-0	-	LC50: =41mg/L (96h, Brachydanio rerio) LC50: =1510?g/L (96h, Lepomis macrochirus) LC50: 0.032 - 0.226mL/L (96h, Oncorhynchus mykiss) LC50: 100 - 136mg/L (96h, Oncorhynchus mykiss) LC50: 22.6 - 25.7mg/L (96h, Pimephales promelas) LC50: 23.2 - 29.7mg/L (96h	-	LC50: =2mg/L (48h, Daphnia magna) EC50: 11.3 - 18mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Methyl ethyl ketone 78-93-3	0.3
Phenol 108-95-2	1.47
o-cresol 95-48-7	1.95
Formaldehyde 50-00-0	0.35
2,2'-Dibenzothiazyl disulfide 120-78-5	4.5

12.4. Mobility in soil

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products 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.

14. Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

DOT

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
Reportable quantity (lbs)	Methyl ethyl ketone: RQ (lb)= 5000.00, o-cresol: RQ (lb)= 100.00
Reportable Quantity (RQ)	(Methyl ethyl ketone: RQ (kg)= 2270.00, o-cresol: RQ (kg)= 45.40)
Special Provisions	149, B52, IB2, T4, TP1, TP8
DOT Marine Pollutant	NP
Description	UN1133, Adhesives, 3, II
Emergency Response Guide Number	128

IATA

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
Special Provisions	A3
Description	UN1133, Adhesives, 3, II

IMDG

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
EmS-No.	F-E, S-D
Marine pollutant	NP
Description	UN1133, Adhesives, 3, II, (-6°C c.c.)

15. Regulatory information

International Inventories

TSCA	Listed
DSL	Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
Listed - The components of this product are either listed or exempt from listing on inventory.
Not Listed - One or more components of this product are not listed on inventory.

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical

or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS No.	SARA 313 - Threshold Values %
Phenol	108-95-2	1.0
o-cresol	95-48-7	1.0
Formaldehyde	50-00-0	0.1

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

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. This document is based on the information given to us by our own suppliers at the date of this document.

SVHC: Substances of Very High Concern for Authorization:
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

16. Other information

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

Prepared By Product Safety & Regulatory Affairs.

Revision date 29-Apr-2024

Revision Note No information available.

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The Company adheres to a strict policy that applies to the use of any of its products in medical device applications. This

policy can be found at https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/ which is incorporated herein by reference and made a part hereof. Except as expressly authorized, the Company (i) has designated specific medical grade compositions for products used in medical device applications and Company products not so designated are not authorized for use in medical device applications and (ii) strictly prohibits the use of any of its products in medical device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. The Company does not design, manufacture and/or directly sell any medical devices. The Company does not co-design, or offer assistance to any purchaser of its products, in their design, manufacture and/or sale of products for medical devices. It is the sole responsibility of the manufacturer of medical devices to determine the suitability of all raw material, products and components, including any medical grade products, in order to ensure that the medical device is safe for end-use and complies with all applicable legal and regulatory requirements and to conduct all necessary tests and inspections.

End of Safety Data Sheet

PLIOBOND 30 ADHESIVE BULK

Revision Number 1

Revision date 29-Apr-2024
Supersedes Date: 29-Apr-2024

US Regulations

California Proposition 65
Substances as defined in Proposition 65 of the California Safe Drinking Water and Toxic Enforcement Act of 1986 and its amendments

The following list of CA Proposition 65 listed substances known to be present in this product are provided for reference purposes only.

Effective date 29/12/2023 (DD/MM/YYYY)

Chemical name	California Proposition 65
Formaldehyde 50-00-0	Carcinogen
4-Vinylcyclohexene 100-40-3	Carcinogen Female Reproductive
Acrylonitrile 107-13-1	Carcinogen
1,3-Butadiene 106-99-0	Carcinogen Developmental Female Reproductive Male Reproductive

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	U.S. - Maine - Chemicals of High Concern	Massachusetts	New Jersey	Pennsylvania	U.S. - Washington - Children's Safe Products Reporting Rule - Chemicals of High Concern to Children (CHCC)
Methyl ethyl ketone 78-93-3		X	X	X	X
Phenol 108-95-2		X	X	X	X
o-cresol 95-48-7		X	X	X	
Sulfur 7704-34-9		X	X	X	
Formaldehyde 50-00-0		X	X	X	X
4-Vinylcyclohexene 100-40-3		X	X	X	

EPA TSCA Section 6(h) (Persistent, Bioaccumulative, and Toxic (PBT) Chemicals)
Based on the information from our suppliers and the final product composition, this product is screened for Decabromodiphenyl ether (DecaBDE) (CAS # 1163-19-5), Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (CAS # 68937-41-7), 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) (CAS # 732-26-3), Hexachlorobutadiene (HCBD) (CAS # 87-68-3), or Pentachlorothiophenol (PCTP) (CAS # 133-49-3)

EPA TSCA Section 6(h) (Persistent, Bioaccumulative, and Toxic (PBT) Chemicals) Not present

CONEG Model Toxics in Packaging

REGULATORY INFORMATION
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Supersedes Date: 29-Apr-2024

Model Toxics in Packaging Legislation (also referred to as CONEG) concerns restrictions on the use of certain hazardous substances in packaging or packaging components (including printing inks used inpackaging), and restricts the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium present in the product to a level equal to or less than 100 parts per million by weight

Based on a review of the final product composition, this product is not known to contain CONEG substances at or above the 100 ppm reporting threshold

Effective date February 2021

REGULATORY INFORMATION
Americas

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Revision date 29-Apr-2024
Supersedes Date: 29-Apr-2024

International Regulations

Global Inventories

AIIC	Listed
DSL	Listed
ENCS	Not Listed
IECSC	Listed
KECI	Listed
PICCS	Listed
NZIoC	Listed
TCSI	Listed
TSCA	Listed

Legend:
Listed - The components of this product are either listed or exempt from listing on inventory. Active
Not Listed - One or more components of this product are not listed on inventory.

AIIC - Australian Inventory of Industrial Chemicals
DSL - Canadian Domestic Substances List
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TCSI - Taiwan Chemical Substance Inventory
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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

The Stockholm Convention on Persistent Organic Pollutants
Based on the information from our suppliers and the final product composition, we do not not knowingly add any materials classified as a Persistent Organic Pollutant (POP) during the production of this product, nor do our suppliers report the inclusion of these materials in their products

The Rotterdam Convention
Not applicable

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Supersedes Date: 29-Apr-2024

European Union

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

SVHC: Substances of Very High Concern for Authorization:
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59). This declaration is based on information from our suppliers and the final product composition.

Effective date 23/01/2024 (DD/MM/YYYY)

Substance subject to authorization per REACH Annex XIV
This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No.	Restricted substance per REACH Annex XVII
Formaldehyde	50-00-0	72. 77. 28. 75.

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Reserved for industrial and professional use

Restriction of Hazardous Substances (RoHS) - EU
Restrictions on the use of certain hazardous substances in electric and electronic equipment as defined in Directive 2011/65/EU and amendments in force (including Directive (EU) 2015/863)

The RoHS substances (and their reporting thresholds) are: Lead (0.1%), Mercury (0.1%), Cadmium(0.01%), Hexavalent chromium (0.1%), Polybrominated biphenyls (PBB) (0.1%), Polybrominated diphenylethers (PBDE) (0.1%), Bis(2-ethylhexyl) phthalate (DEHP) (0.1%), Butyl benzyl phthalate (BBP) (0.1%),Dibutyl phthalate (DBP) (0.1%), Diisobutyl phthalate (DIBP) (0.1%).

Based on a review of the final product composition, there are no RoHS substances known to be presentabove the reporting threshold.

Effective date 22/07/2019 (DD/MM/YYYY)

REGULATORY INFORMATION
Americas

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Revision Number 1

Revision date 29-Apr-2024
Supersedes Date: 29-Apr-2024

Substance related information

Natural latex
Based on information from our suppliers and the final product composition, this product is screened for the presence of Natural Rubber Latex (CAS # 9004-04-6)

Natural latex Not present

Styrene
Based on information from our suppliers and the final product composition, this product is screened for the presence of Styrene (CAS#100-42-5)

Styrene Not present

Formaldehyde
Based on information from our suppliers and the final product composition, this product is screened for the presence of Formaldehyde (CAS# 50-00-0)

Formaldehyde Present

Bisphenol A
Based on information from our suppliers and the final product composition, this product is screened for the presence of Bisphenol A (CAS # 80-05-7)

Bisphenol A Not present

Phthalates
Based on information from our suppliers and the final product composition, this product is screened for the following phthalates, DINP – diisononyl phthalate (CAS #s 28553-12-0 and 68515-48-0), DEHP – diethyl hexyl phthalate (CAS # 117-81-7), DBP – dibutyl phthalate (CAS # 84-74-2), DIDP – diisodecyl phthalate (CAS #s 26761-40-0 and 68515-49-1), DNOP – di-n-octyl phthalate (CAS # 117-84-0), BBP – butyl benzyl phthalate (CAS # 85-68-7), DMP – dimethyl phthalate (CAS # 131-11-3), DEP – diethyl phthalate (CAS # 84-66-2) and DIBP – diisobutyl phthalate (CAS # 84-69-5)

Phthalates Not present

BTEX chemicals
Based on information from our suppliers and the final product composition, this product is screened for the presence of the following substances: Benzene (CAS# 71-43-2), Toluene (CAS# 108-88-3), Ethyl benzene (CAS# 100-41-4) and Xylenes (CAS# 106-42-3, 108-38-3, 95-47-6)

BTEX chemicals Not present

Heavy metals
Based on information from our suppliers and the final product composition, this product is screened for the following heavy metals Lead (Pb), Mercury (Hg), Cadmium (Cd) and Hexavalent Chromium (Cr 6+), Antimony (Sb), Arsenic (As), Barium (Ba), Nickel (Ni), or Selenium (Se)

Heavy metals Not present

GADSL
The Global Automotive Declarable Substances List covers substances that are expected to be present in a material or part that

remains in the vehicle or part at point of sale., Contact your representative if you require submission via IMDS portal

ILFI - Red List Chemicals
The International Living Future Institute (ILFI) has developed the “Red List” materials. Builders seeking to meet the certification requirements of the Living Building Challenge must verify the materials of construction do not contain the substance on the “Red List” above 100 ppm.
https://living-future.org/lbc/red-list/#red-list-and-watch-list-casrn-guide

Effective date April 2023

Based on a review of the product composition, this product contains substance(s) identified as ILFI Red List Chemicals above the reporting threshold

Chemical name	Weight-%	Living Future Institute
Formaldehyde 50-00-0	0.1 - <1	Red List

Kosher
Bostik Inc. does not have any products certified Kosher. For further information, please contact:. your Bostik representative.

Halal
Bostik Inc. does not have any products certified Halal. For further information, please contact:. your Bostik representative.

Allergens
For further information, please contact: your Bostik representative

BSE/TSE free (for animal origin only)
For further information, please contact: your Bostik representative

GMO free (for animal/vegetal origin)
For further information, please contact: your Bostik representative

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