

Material Safety Data Sheet (MSDS) - Bamboo Table ware Set

For - BAMBOO TABLEWARE

***This MSDS solely applies to bamboo tableware set.*

SECTION A of this MSDS refers to the *bamboo tableware* .

SECTION B of this MSDS silicone parts

I. PRODUCT IDENTIFICATION

PRODUCT NAME	Bamboo Tableware Set
MANUFACTURER/ DISTRIBUTOR	
APPLICATIONS	Baby Feeding
PRODUCTS	Bamboo Tableware Set

Bamboo Tableware Set

II. INGREDIENTS

NAME	PERCENT	EXPOSURE LIMITS	COMMENTS
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BAMBOO	100%	PEL-TWA None PEL-TWA None TLV-TWA None TLV- STEL None	
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III. HAZARD IDENTIFICATION

Appearance and Odor: A natural or toasted honey (carbonized) bamboo fiber with no, to a slight odor.

Primary Health Hazards:

Primary Route(s) of Exposure:

(X) Eyes: N/A

() Ingestion: N/A

(X) Inhalation: N/A

(X) Skin: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

Chronic Health Hazards: No tests have shown any correlating long term effects of bamboo dust and respiratory conditions, or cancer.

Carcinogenicity:

() NTP - Group: N/A

() IARC - Group: N/A

() OSHA Regulated -: N/A

IV. EMERGENCY AND FIRST-AID PROCEDURES

Ingestion: N/A

Eye Contact: Out-of-the-box, or in whole form, this is N/A.

Inhalation: Out-of-the-box, or in whole form, this is N/A.

V. FIRE AND EXPLOSION

Flash Point Method: N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Carbon Dioxide, Dry Chemical or Sand. Water Auto

ignition Temperature: Variable (200-300 C) Special Firefighting Procedures:

None.

Unusual Fire/Explosion Hazards: None.

VI. ACCIDENTAL RELEASE MEASURES

Out-of-the-box, this procedure is N/A. However, dust generated from cutting, drilling, planning, routing or sanding and related machining may be shoveled or vacuumed and properly disposed of. A NOISH-approved dust respirator and goggles should be worn if dust exposure limits are exceeded.

VII. HANDLING AND STORAGE

Precautions to be Taken In Handling and Storage: Out-of-the-box there is no special handling required for this product. This product should be kept in cool, dry environment and not exposed to high heat or flame.

VIII. EXPOSURE CONTROL MEASURES

Personal Protective Equipment:

RESPIRATORY PROTECTION: Not required when taken out-of-the-box.

PROTECTIVE GLOVES: Not required when taken out-of-the-box.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Are not required.

WORK/HYGIENE PRACTICES: Not required when taken out-of-the-box.

Ventilation:

LOCAL EXHAUST: Not required when taken out-of-the-box.

MECHANICAL: Not required when taken out-of-the-box.

IX. PHYSICAL/CHEMICAL PROPERTIES

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.03 g/ml

Melting Point: N/A

Evaporation Rate: N/A

Solubility in Water: <0.1 %

Volatile by Vol: 0

X. STABILITY AND REACTIVITY

Stability:

() Unstable

(X) Stable

Conditions to Avoid: Excessive moisture, condensation or water vapor as this may cause warping or popping of the bamboo. Open flame or conditions above 200 C may cause the product to ignite.

Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents.

Hazardous Decomposition or By-Products: Thermal decomposition by-products include carbon monoxide, carbon dioxide, aliphatic aldehydes, rosin acids, terpenes, and polycyclic aromatic hydrocarbons. Hazardous Polymerization: Will not occur.

Sensitivity to Mechanical Impact: N/A Sensitivity to Static

Discharge: N/A

XII. TOXICOLOGICAL INFORMATION

The product, in the finished form, has no reportable toxicological information.

Sources: Lewis, R.J., Sr. *1992 Sax's Dangerous Properties of Industrial Materials*, Eighth Edition, Van Nostrand Reinhold, NY.; *NIOSH Registry of Toxic Effects of Chemical Substances (RTECS)*, 1983-1984 Cumulative Supplement to 1981-1982 Edition and May 1995;

OSHA

Regulated Hazardous Substances, Government Institutes, Inc., February 1990.

XII. ECOLOGICAL INFORMATION

Bamboo tableware is a rapidly renewable product, and can contribute up to two LEED credits. This product does not contribute to the diminishment of natural wood forests.

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Method: In out-of-the-box product form, incineration is the preferred disposal method. However, if you choose Land disposal, refer to the RCRA criteria and local requirements, and determine if the material is considered hazardous waste. Take the appropriate steps according the information acquired above.

XIV. TRANSPORT INFORMATION

Not regulated as a hazardous material by U.S. Department of Transportation. Not listed as hazardous material in Canadian Transportation of Hazardous Goods regulations.

XV. REGULATORY INFORMATION

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

DSL: All ingredients are listed or are not required to be listed under the Canadian Domestic Substance List.

WHMIS Classification

Not a controlled product

SARA Section 311/312 Hazard Category

Under the above referenced category, and reviewed against definitions, the product meets:

- An immediate (acute) health hazard: No
- A delayed (chronic) health hazard: No
- A fire hazard: No
- A reactivity hazard: No
- A sudden release hazard: No

XVI. ADDITIONAL INFORMATION

Prepared by:

Date Updated: 2017/10/2

USER RESPONSIBILITY: The information contained in this MSDS comes from sources believed to be accurate or otherwise technically correct, and information from occupational health and safety professionals, and regulatory agencies. It is the user's responsibility to determine if this information is suitable for their applications, and to follow safety precautions as necessary. The user has the responsibility to make sure that this sheet is the most up-to-date initial or revision issue.

GLOSSARY

ACGIH-	American Conference of Government Industrial Hygienists Ceiling limit
CAS# -	Chemical Abstracts Numbering System DSL-
	Canadian Domestic Substance List
EPA-	U.S. Environmental Protection Agency
IARC-	International Agency for Research on Cancer
LCLo-	Lowest concentration in air resulting in death
LC50-	Administered dose resulting in death to 50% of experimental animals
LDLo-	Lowest dose resulting in death
MSHA-	Mining Safety and Health Administration
ND-	Not determined
N/A-	Not applicable
NAV-	Not available
NIOSH-	National Institute for Occupational Safety and Health
NTP-	National Toxicology Program
OSHA-	Occupational Safety and Health Administration
PEL-	Permissible Exposure Level
PPM-	Parts of gas or vapor per million parts of air
RCRA-	Resource Conservation and Recovery Act
SARA-	Superfund Amendments and Reauthorization Act
STEL-	Short-Term Exposure Limit (15 minutes)
TDG-	Canadian Transportation of Dangerous Goods
TCLo-	Lowest concentration in air resulting in a toxic effect
TDLo-	Lowest dose resulting in a toxic effect
TLV-	Threshold Limit Value
TSCA-	Toxic Substance Control Act
TWA-	Time-Weighted Average (8 hours)
WHMIS-	Workplace Hazardous Materials Information System

SECTION B – Silicone parts

II. INGREDIENTS

INGREDIENT NAME	PERCENT	CAS No.
Silica, amorphous	<60	7631-86-9
Siloxanes and Silicones, Dimethyl, vinyl group- terminated	<45	68083-19-2
Octamethylcyclotetrasiloxane	<3	556-67-2

III. HAZARD IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: This material is not classified as hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

LABELING REQUIREMENTS: NA

OTHER HAZARDS: None anticipated with normal handling. Cutting and other finishing may create dust. Processing material at temperatures exceeding decomposition temperature may release toxic vapors and gases.

IV. EMERGENCY AND FIRST-AID PROCEDURES

GENERAL

INHALATION: (Dust) If particulate is inhaled, remove to fresh air. Obtain medical attention if symptoms occur.

EYE CONTACT: (Dust) Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.

SKIN CONTACT: (Dust) Wash with water and soap. Obtain medical attention if symptoms persist.

INGESTION: Do not induce vomiting. If gastrointestinal discomfort occurs, seek medical attention.

V. FIRE AND EXPLOSION

FLASH POINT: NA Flammable Limits: NA

AUTOIGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: X Water Spray X Foam X CO2 X Dry Chemical Other –

SPECIAL FIRE FIGHTING

PROCEDURES:

Decomposition in a fire may produce toxic fumes (See Section 10).

UNUSUAL FIRE AND EXPLOSION

HAZARDS:

None known.

VI. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

CLEANING METHODS: Sweep into appropriate container for disposal. Avoid creation of nuisance dust.

VII. HANDLING AND STORAGE

Keep at room temperature.

VIII. EXPOSURE CONTROL MEASURES

RESPIRATORY PROTECTION: None needed under normal conditions. If heating material, odors may be produced, use a respirator meeting NIOSH requirements if necessary.

PERSONAL PROTECTION HAND: None required.

EYE: Safety None required.

SKIN: None required.

IX. PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE: Rubber-like ring (Various Colors)

ODOR: No significant odor

PHYSICAL STATE: Solid

BOILING POINT: NA

MELTING POINT: NA

FREEZING POINT: NA

FLASH POINT: NA

WATER SOLUBILITY: NA

VAPOR DENSITY: NA

VAPOR PRESSURE: NA

SPECIFIC GRAVITY: 1.12 – 1.5 (Water = 1)

PARTITION COEFFICIENT: NA 3 OF 4

EVAPORATION RATE: NA

RELATIVE DENSITY: 1.12 – 1.5 g/cm³

VISCOSITY: NA

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

PH: NA

FLAMMABILITY: NA

X. STABILITY AND REACTIVITY

STABILITY Stable

CONDITIONS TO AVOID: Silicone rubber begins to generate formaldehyde above 148 °C.

MATERIALS TO AVOID: None known

HAZARDOUS POLYMERIZATION: Does not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal: Carbon oxides, silicone oxides & formaldehyde

XII. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

XII. ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment under current legislation.

XIII. DISPOSAL CONSIDERATIONS

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:

ENVIRONMENTAL TOXICITY DATA: NA

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

XIV. TRANSPORT INFORMATION

Road Transport - ADR Class: Not dangerous according to ADR/RID/IMDG/IATA.

XV. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL): Article - exempt

Australian (ACIS): Article - exempt

Korea (KECI): Article - exempt

Japan (ENCS, MITI): Article - exempt

China (IECSC) Article - exempt

EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

TSCA (Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.

CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): NA

SARA TITLE III (Superfund Amendments and Reauthorization Act): NA

311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the

Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS # CHEMICAL NAME PERCENT BY WEIGHT

NA NA NA

XVI. ADDITIONAL INFORMATION

USER NOTES:

Customers should not therefore make a commercial preference, based upon the different approaches employed for classifying the products.

Disclaimer: The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not, therefore, be construed as guaranteeing specific properties