

MATERIAL SAFETY DATA SHEET
Lux oN by Yobe Beaula BB GEL SOFT GEL BUILDER

Section 1: Identification

Product Name: Lux oN by Yobe Beaula BB Gel soft gel builder

Product Code: 4020479

Product Use: Beauty & Body Care

Section 2: Hazard(s) Identification

Hazard Classification: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

FLAMMABLE LIQUIDS - Category 3

SKIN IRRITATION - Category 2

EYE IRRITATION - Category 2A

SKIN SENSITIZATION - Category 1

TOXIC TO REPRODUCTION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Hazard Statements: This product may cause skin, eye, and respiratory tract mild irritation. Skin contact may stimulate skin, swelling, redness and sensitization. Ingestion of this product may cause nausea, headache, vomiting or diarrhea. Inhalation may cause irritation to respiratory tract. Suspected of damaging fertility or the unborn child.

Pictograms:



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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 and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid direct contact with skin, eye, and clothing. Don't use without protective clothing. Don't touch your eyes with the hands after having contact with the liquid. Keep away from source of ignition. Keep it away from children.

Response: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or 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 or attention.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Description of other hazards: Not known.

Section 3: Composition/Information on Ingredients

Ingredients	CAS	EC Number	INCI Name	Percent (%)
2-hydroxyethyl methacrylate	868-77-9	212-782-2	HEMA	≥10 - ≤25
ethyl acetate	141-78-6	205-500-4	ETHYL ACETATE	≥10 - <20
Isobornyl methacrylate	7534-94-3	231-403-1	ISOBORNYL METHACRYLATE	≥10 - ≤25
TPO	75980-60-8	278-355-8	Trimethylbenzoyl diphenylphosphine oxide	≤3
Ethylene glycol dimethacrylate	97-90-5	202-617-2	Glycol HEMA-methacrylate	≤3

Section 4: First-Aid Measures

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Ingestion: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Foam, Carbon Dioxide, and dry chemical fire extinguisher

Specific hazards arising from the chemical: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Special protective actions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for firefighters: Fire protective clothing & self-contained breathing apparatus (SCBA)

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors, phosphorus oxides & toxic fumes.

Section 6: Accidental Release Measures

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precaution: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Method of Cleaning Up:

Small spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7: Handling and Storage

Handling: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof electrical (ventilating, lighting, and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Shield UV light sources. Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Inhibitor requires oxygen to function. Maintain proper headspace and re-aerate the product by mixing every 3 months.

Section 8: Exposure Controls/Personal Protection

Occupational exposure limit:

2-hydroxyethyl methacrylate:

None

Ethyl acetate:

ACGIH TLV (United States, 1/2021).

TWA: 400 ppm 8 hours.

TWA: 1440 mg/m³ 8 hours.

OSHA PEL 1989 (United States, 3/1989).

TWA: 400 ppm 8 hours.

TWA: 1400 mg/m³ 8 hours.

NIOSH REL (United States, 10/2020).

TWA: 400 ppm 10 hours.

TWA: 1400 mg/m³ 10 hours.

OSHA PEL (United States, 5/2018).

TWA: 400 ppm 8 hours.

TWA: 1400 mg/m³ 8 hours.

Isobornyl methacrylate:

None

TPO:

None

Ethylene glycol dimethacrylate:

None

Ventilation and Engineering Control: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor, or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

General protective and hygienic measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Breathing equipment: Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

Protection of skin: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

Eye protection: Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

Other: No information available.

Section 9: Physical and Chemical Properties

Form: Liquid (gel)

Odor: Characteristic. Acrylate odor

Color: Colorless to slight violet

Vapor pressure (mm HG and Temp.) at 20°C: ethyl acetate- 81.59, 2-hydroxyethyl Methacrylate- 0.06, Isobornyl methacrylate- 0.01, Ethylene glycol dimethacrylate- 0.01, TPO- 0, hydroxycyclohexyl phenyl ketone- 0

pH: No Information Available

Vapor Density: No Information Available

Flash point: Closed cup: 37.8 to 61°C (100 to 141.8°F)

Boiling Point: No Information Available

Melting Point: No Information Available

Evaporation Rate: No Information Available

Flammability: No Information Available

Vapor Pressure: No Information Available

Upper Explosive Limit: No Information Available

Relative Density: No Information Available

Auto Ignition Temperature: No Information Available

Oxidizing Properties: No Information Available

Explosive Properties: No Information Available

Specific gravity: No Information Available

Solubility in water: No Information Available

Moisture (%): No Information Available

VOC Content: No Information Available

Section 10: Stability and Reactivity

Stability: Stable under ambient condition when stored properly

Reactivity: No information available

Chemical stability: Stable under normal storage condition.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatibility: Strong oxidizing agents.

Conditions to Avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Section 11: Toxicological Information

Acute toxicity:

2-hydroxyethyl methacrylate- LD50 Oral in Rat at a dose of 5050 mg/kg

ethyl acetate- LD50 Oral in Rat at a dose of 5620 mg/kg

Ethylene glycol dimethacrylate- LD50 Oral in Rat at a dose of 3300 mg/kg

Skin corrosion: No information available

Serious eye damage: No information available

Reproductive toxicity: No information available

Aspiration hazard: No information available

Information on likely routes of exposure: Eyes and skin contact

Potential routes of exposure/potential health effects

Skin: Causes skin irritation. May cause an allergic skin reaction.

Eye: Causes serious eye irritation.

Inhalation: May cause respiratory irritation.

Carcinogenic effects: No information available

Mutagenic effects: No information available

Section 12: Ecological Information (non-mandatory)

Eco-toxicity:

Ingredients	Results	Species	Exposure
2-hydroxyethyl methacrylate	Acute LC50 227000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
ethyl acetate	Acute EC50 2500000 µg/l Fresh water Acute LC50 750000 µg/l Fresh water Acute LC50 154000 µg/l Fresh water Acute LC50 212500 µg/l Fresh water Chronic NOEC 2400 µg/l Fresh water Chronic NOEC 75.6 µg/l Fresh water	Algae - Selenastrum sp. Crustaceans - Gammarus pulex Daphnia - Daphnia cucullate Fish - Heteropneustes fossilis Daphnia - Daphnia magna Fish - Pimephales promelas - Embryo	96 hours 48 hours 48 hours 96 hours 21 hours 32 hours

Biodegradation: No information available

Bioaccumulation:

Ingredients	LogPow	BCF	Potential
2-hydroxyethyl methacrylate	0.42	-	Low
ethyl acetate	0.68	30	Low
Isobornyl methacrylate	5.09	-	High
TPO	-	53 to 72	Low
Ethylene glycol dimethacrylate	1.87	-	Low

Results of PBT and vPVP assessment: No information available

Mobility in soil: No information available

Other adverse effects: No information available

B E A U L A

Section 13: Disposal Considerations (non-mandatory)

Waste Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport Information (non-mandatory)

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	UN1993	UN1993	UN1993	UN1993	UN1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ethyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate)
Transport hazard class(es)	3	3	3	3	3
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	No.	No.

DOT Classification: This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity. Reportable quantity 46966 lbs / 21322.6 kg. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

TDG Classification: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).

Special Precautions for User: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments: Not Available

Section 15: Regulatory Information (non-mandatory)

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed

Clean Air Act Section 602 Class I Substances: Not listed

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304 Composition/information on ingredients: No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312 Classification:

FLAMMABLE LIQUIDS - Category 3

SKIN IRRITATION - Category 2

EYE IRRITATION - Category 2A

SKIN SENSITIZATION - Category 1

TOXIC TO REPRODUCTION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Composition/information on ingredients:

Name	%	Classification
2-hydroxyethyl methacrylate	≥10 - ≤25	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1
Cellulose, acetate butanoate	≥10 - ≤25	COMBUSTIBLE DUSTS
ethyl acetate	≥10 - <20	FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Isobornyl methacrylate	Proprietary	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
TPO	Proprietary	COMBUSTIBLE DUSTS TOXIC TO REPRODUCTION - Category 2
Ethylene glycol dimethacrylate	Proprietary	SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

State regulations

Massachusetts: The following components are listed: ETHYL ACETATE; ACETIC ACID, ETHYL ESTER

New York: The following components are listed: Ethyl acetate

New Jersey: The following components are listed: ETHYL ACETATE; ACETIC ACID, ETHYL ESTER

Pennsylvania: The following components are listed: ACETIC ACID ETHYL ESTER

California Prop. 65:

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia: All components are listed or exempted.

Canada: At least one component is not listed in DSL, but all such components are listed in NDSL.

China: All components are listed or exempted.

Europe: All components are listed or exempted.

Japan: Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): Not determined.

Republic of Korea: All components are listed or exempted.

New Zealand: All components are listed or exempted.

Philippines: Not determined.

Taiwan: All components are listed or exempted.

Turkey: Not determined.

United States: Not determined.

Section 16: Other Information

NFPA Rating



HMIS

Health	2
Flammability	1
Physical Hazard	1

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