Urban Nails BV

Material Safety Data Sheet

Builder Gel in Jar

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	:	Builder Gel in Jar
Product code	:	BGJ01 – BGJ12
Product description	:	UV Builder Gel
Product type	:	Ultraviolet Gel
Other means of identification	:	Not available

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

Identified uses of the substance	:	Cosmetic, for professional use only.
Uses advised against	:	Manufacture of food products

1.3 Details of the supplier of the material safety data sheet

Urban Nails BV
Siberiëstraat 69
3900 Pelt, Belgium
0032 11 811 405

E-mail address of the person responsible for this MSDS	:	info@urbannails.be

1.4 Emergency telephone number

Poison Center Belgium

Telephone number	:	070 245 245

Supplier

Telephone number	:	0032 11 811 405
Hours of operation	:	Monday through Friday 08:00 am to 16:30 pm excluding national holidays.

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Sens. 1, H317
Eye Irrit. 2, H319
Eye Irrit. 1, H318
Skin Irrit. 2, H315
Aq. 4, H413

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : May cause an allergic skin reaction.
Causes serious eye irritation.
Causes skin irritation.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : Keep out of reach from children. Read carefully and follow all instructions. Keep container tightly closed. Prevent contact with eyes, skin and clothing. Wear protective gloves and eye protection. Avoid breathing vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling. Avoid release to the environment.

Response : Take off contaminated clothing and wash before re-use. IF INHALED: remove person to fresh air and keep comfortable for breathing. IF ON SKIN: wash with plenty of water and soap. IF IN EYES: rinse with water for several minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation persists.

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

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

regulations.

Hazardous ingredients	**:**	Acrylates Copolymer Dimethicone
Supplemental label elements	**:**	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	**:**	Not applicable

Special packaging requirements

Containers to be fitted with child-resistant fastenings	**:**	Not applicable
Tactile warning of danger	**:**	Not applicable

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, ANNEX XIII	**:**	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	**:**	None known.

Section 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Type
Acrylates Copolymer	CAS: 25035-69-2 EC: 607-492-1	68	Skin Sens. 1, H317 Eye Irrit. 2, H319	[1]
1-Hydroxycyclohexyl Phenyl Ketone	CAS: 947-19-3 EC: 213-426-9	21	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	[1]
Cellulose Acetate Butyrate	CAS: 9004-36-8 EC: 618-381-2	8,5	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	[1]
Dimethicone	CAS: 9016-00-6 EC: 618-493-1	0,5	Eye Irrit. 1, H318 Skin Irrit. 2, H315 Aq. 4, H413	[1]
Microcrystalline Wax	CAS: 63231-60-7 EC: 264-038-1	2	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. See section 16 for the full text of the H phrases declared above. Occupational exposure limits, if available, are listed in section 8.

Type
[1] Substance classified with a health or environmental hazard.

Section 4: First Aid Measures

4.1 Description of first aid measures

Eye contact : Immediately flush eyes with plenty of water, lifting the eyelids occasionally. Remove contact lenses if needed and possible. Rinse for at least 10 minutes and get immediate medical attention if symptoms persist.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 adverse health effects persist or are severe. 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.

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. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms persist.

Ingestion : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 if adverse health effects persist or are severe. 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.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
Pain or irritation
Redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
Pain or irritation
Redness

Ingestion : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat according to symptoms (decontamination, vital functions), no known specific antidote. 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.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Foam, dry chemical, carbon dioxide.

Unsuitable extinguishing media : Full-power water jet.

5.2 Special hazards arising from the substances or mixture

Hazards from the substance or mixture : Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous combustion products : Decomposition products may include the following materials: carbon monoxide (CO), carbon dioxide (CO2), oxides of nitrogen and other unidentified organic and inorganic substances. Irritating organic vapors and toxic fumes.

5.3 Advice for firefighters

Special protective actions for fire-fighters : Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. 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 fire-fighters : Fire-fighters should wear a self-contained breathing apparatus and wear full protective clothing, including helmet, protective boots and gloves.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action must be taken involving personal risk or without proper training. Shut off all sources of ignition. Evacuate surrounding areas and keep unnecessary personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Put on protective equipment before taking action.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Prevent spilled product from entering waterways, drains and sewers. Prevent contact with soil. Inform the authorities if the product has caused environmental pollution. Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and material for containment and cleaning up

Small spill : Stop leak if without risk and move containers from spill area. Soak up with inert absorbent and move into an appropriate waste disposal container. Keep container closed until disposal. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. 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 noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections : See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Section 7: Handling and storage

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Prevent contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapor and mist. Wash thoroughly after handling. Do not heat or spray. Use only with adequate ventilation. Keep in the original container and do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating area. Provide sufficient air exchange and/or exhaust in work rooms.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area away from ignition sources. Store at or below 26°C. Keep container closed until ready for use. Store in a clean, dry area. Store in accordance with local regulations. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Shield UV light sources. Eliminate all ignition sources. Separate from oxidizing materials. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Product is for professional use only.

Section 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy)

European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required**.**

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

8.2 Exposure controls

Appropriate engineering controls : Use only with adequate ventilation. Local exhaust ventilation is recommended when general ventilation is not sufficient.

Individual protection measures

Hygiene measures : Wash hands, forearms and face after handling product, before eating, smoking and using the lavatory and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace and should be washed before re-using.

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

Skin protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several

substances, the protection time of the gloves cannot be accurately estimated.

Respiratory protection : Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area. Filter type: A

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state	:	Liquid.
Color	:	Various.
Odor	:	Light.
Odor threshold	:	Not available.
Melting point/freezing point	:	Not available.
Boiling point and boiling range	:	> 93 °C.
Flammability	:	Not applicable.
Lower and upper explosion limit	:	Not available.
Flash point	:	105 °C.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
pH	:	Not applicable.
Viscosity	:	Not available.
Solubility in water	:	Slight.
Partition coefficient n-octanol/water	:	Not available.
Vapor pressure	:	Not available.
Relative density	:	
Vapor density	:	Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.

Section 10: Stability and reactivity

10.1 Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability : The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions : Hazardous polymerization may occur under certain conditions of storage or use.

10.4 Conditions to avoid : Sunlight, heat, flames, sparks and other sources of ignition. Do not heat above 26°C.

10.5 Incompatible materials : Do not store with polymerization initiators including peroxides, strong oxidizing agents, strong alkalis, metals, strong acids and bases. Free radical initiators.

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced. Fumes produced when heated to decomposition may include: oxides of carbon and oxides of nitrogen.

Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Acrylates Copolymer	LD50 Oral LD50 Dermal	Rat Rabbit	1260 mg/kg bw 5 ml/kg bw	- -
Dimethicone	LD50 Oral	Rat	> 5000 mg/kg bw	-
1-Hydroxycyclohexyl Phenyl Ketone	LD50 Dermal LC50 Inhalation	Rat Rat	> 5000 mg/kg bw > 1000 mg/m³	- 4 h

Conclusion/Summary : Not available.

Irritation/Corrosion

Ingredient name	Effect
Acrylates Copolymer	Slightly irritant to skin.

Conclusion/summary : Causes skin irritation.

Sensitization

Conclusion/Summary : May cause an allergic skin reaction.

Mutagenicity

Conclusion/Summary : No known effect according to our database.

Carcinogenicity

Conclusion/Summary : No known effect according to our database.

Reproductive toxicity

Conclusion/Summary : No known effect according to our database.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not applicable.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No specific data.

Skin contact : Causes skin sensitization and skin irritation.

Ingestion : No specific data.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Redness, pain or irritation.

Inhalation : No specific data.

Skin contact : Redness, inflammation, pain or irritation.

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Not available.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
Not available.

11.2.2 Other information
Not available.

Section 12: Ecological information

12.1 Toxicity

Ingredient name	Species	Water media type	Exposure	Dose	Effect conc.
1-Hydroxycyclohexyl Phenyl Keton	Danio rerio Daphnia magna Desmodesmus subspicatus Sludge Treatment	Freshwater Freshwater Freshwater Freshwater	96 h 48 h 72 h 3 h	LC50 EC50 EC50 EC50	24 mg/L 59,3 mg/L 100 mg/L
Dimethicone	Oncorhynchus mykiss Lepomis macrochirus	Freshwater Freshwater	96 h 96 h	LC50 LC50	> 10000 mg/L > 10000 mg/L

Conclusion/summary : Aquatic Acute 1, H400 Very toxic to aquatic life.
Aquatic Chronic 1, H410 Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Ingredient name	CAS no.	Degradability	Test method/guideline
1-Hydroxycyclohexyl Phenyl Keton	947-19-3	Readily biodegradable. Exposure time 28 days (aerobic).	
Dimethicone	9016-00-6	Immiscible with water, may persist, based on information available.	

12.3 Bioaccumulative potential

Ingredient name	Effect
Dimethicone	May have some potential to bioaccumulate.

12.4 Mobility in soil

Ingredient name	Effect
Dimethicone	Spillage unlikely to penetrate soil The product is insoluble and floats on water The product evaporates slowly Is not likely mobile in the environment due its low water solubility. Spillage unlikely to penetrate soil

12.5 Results of PBT and vPvB assessment : Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).

12.6 Endocrine disrupting properties : Not available.

12.7 Other adverse effects : No known significant effects or critical hazards.

Section 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste : Within the present knowledge of the supplier, this product IS regarded as hazardous waste, as

defined by EU regulation 1357/2014.

Packaging

Methods of disposal : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Packaging: IBC container, plastic drum.

Special precautions : 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport information

This preparation is classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA). International transport regulations.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No	No	No	No

14.6 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.

14.7 Maritime transport in bulk according to IMO instruments : Not available.

Section 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization : Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, : Not applicable.

mixtures and articles

15.2 Chemical safety assessment : A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Abbreviations and acronyms : ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstracts Service
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
EINECS: European Inventory of Existing Commercial Chemical Substances
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
LC50: Median lethal concentration
LD50: Median lethal dose
PBT = Persistent, Bioaccumulative and Toxic
REACH: Registration, Evaluation and Authorisation of Chemicals
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Full text of abbreviated H statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H413	May cause long lasting harmful effects to aquatic life.

Full text of classifications [CLP/GHS]

Skin Irrit. 2	Skin corrosion/ irritation - category 2
Skin Sens. 1, 1A	Sensitisation, skin – category 1, 1A
Eye Irrit. 1	Serious eye damage/eye irritation - category 1
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic hazard - category 4

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