

SAFETY DATA SHEET

According to 2015/830/EC

VYNN GROUP

BUILD GEL UV/LED

Printing date: 03.03.2016

Revision:

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

1.1. Product identifier

Trade name:

BUILD GEL UV/LED

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

Cosmetic product.

1.3. Details of the supplier of the safety data sheet

VYNN GROUP Sp. z o.o.

ul. Żwirowa 18

05-506 Wilcza Góra

Polska

Tel: +48 575 999 870

Emergency telephone numbers: 112, 998, 999

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

Skin Irrit. 2

H315 Causes skin irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction

Eye Irrit. 2

H319 Causes serious eye irritation.

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Signal word:

WARNING

Hazard Pictograms:



Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

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P261	Avoid breathing mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P501	Dispose of contents/container to: in accordance with local regulation.

Special labelling for certain preparations:**Contains:**

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexa-decane-1,16-diyl bismethacrylate,
Glycerol, propoxylated, esters with acrylic acid,
2-Hydroxyethyl methacrylate,
Ethyl phenyl(2,4,6-trimethylbenzoyl) phosphinate,

Contains (INCI names):

DI-HEMA Trimethylhexyl Dicarbamate,
Glycerol propoxy triacrylate,
Trimethylolpropane trimethacrylate,
HEMA,
Ethyl trimethylbenzoyl phenylphosphinate,
Hydroxycyclohexyl phenyl ketone

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazard

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization:** a mixture of organic compounds.

Name of substance	Identifier	Classification 1272/2008	% weig.
7,7,9(or 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexa-decane-1,16-diyl bismethacrylate	Index: --- CAS: 72869-86-4 EU: 276-957-5 Registration No: --	Skin Sens. 1 H317	50 - 75
INCI: Di-HEMA Trimethylhexyl Dicarbamate			
Glycerol, propoxylated, esters with acrylic acid	Index: --- CAS: 52408-84-1 EU: 500-114-5 Registration No: ---	Skin Sens. 1 Eye Irrit. 2 H317 H319	10 - 25
INCI: Glycerol propoxy triacrylate			
Propylidynetrimethyl trimethacrylate	Index: --- CAS: 3290-92-4 EU: 221-950-4 Registration No: ---	Aquatic Chronic 2 H411	10 - 25
INCI: Trimethylolpropane trimethacrylate			

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2-Hydroxyethyl methacrylate	Index: 607-124-00-X	Skin Irrit. 2	H315	5 - 10
INCI:	CAS: 868-77-9	Skin Sens. 1	H317	
HEMA	EU: 212-782-2	Eye Irrit. 2	H319	
	Registration No: ---			
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	Index: ---	Skin Sens. 1B	H317	1 - 5
INCI:	CAS: 84434-11-7	Aquatic Chronic 2	H411	
Ethyl trimethylbenzoyl phenylphosphinate	EU: 282-810-6			
	Registration No: ---			
Hydroxycyclohexyl Phenyl Ketone	Index: ---	Not classified.	---	1 - 5
INCI:	CAS: 947-19-3			
Hydroxycyclohexyl Phenyl Ketone	EU: 213-426-9			
	Registration No: ---			

It can contain dyes in amounts up to 0,01% without risks:

CI 19140 CAS 1934-21-0

CI 15850 CAS 5281-04-9

CI 60725 CAS 81-48-1

CI 77891 CAS13463-67-7

The product may contain pigments:

Symbol	% weight	CAS	Chemical name
CI 19140	0-0,1	1934-21-0	trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate
CI 15850	0-0,1	5281-04-9	disodium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate
CI 60725	0-0,1	81-48-1	1-hydroksy-4(p-toluidyno)antrachinon
CI 77891	0-0,1	13463-67-7	ditlenek tytanu

The full meaning of the risk phrases H included in the chapter 16

These ingredients do not have at the moment of the registration number because they are subject to the provisions of the transitional period in accordance with REACH.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

- If inhale, move the exposed person to fresh air. Keep her warm and at rest. If not breathing, if breathing is irregular or there is a blockage of roads tract, knowledgeable staff should provide artificial respiration or give oxygen.
Implementation of mouth-to-mouth can be dangerous.
- Contact immediately with doctor, if the state of the person is serious or if symptoms persist. If a person is unconscious, place her in the recovery position and call a physician immediately.
- Place it in ventilated room. Loosen the pinching of clothing as collars, ties, belts or scarves.

Ingestion:

- Rinse mouth with water. Move the affected person immediately to fresh air. Keep it in warm and at rest. If swallowed, if the person is conscious, give to drink small amounts of water. Stop if the person feels sick as vomiting may be dangerous. Do not induce vomiting without direct control of medical personnel.
- Contact doctor immediately if status of a person is serious or if symptoms persist. Never give anything by mouth an unconscious person. If the person is unconscious, place her in the recovery position and call immediately after the doctor.
- Place it in a ventilated room. Loosen the oppressing clothing.

Eye contact:

- Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids

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open to ensure that the entire surface is flushed. Do not put any ointments, oils or medication.

- Seek medical advice.

Skin contact:

- Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse.
- If irritation persists, seek medical attention.

In the case long-term exposure occurs irritation, allergic reaction.

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

Irritations.

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

Require appropriate treatment based on symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

CO₂, powder, foam or water spray.

5.2. Special hazards arising from the substance or mixture

In the event of fire development of hazardous combustion gases or vapours possible.

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

5.3. Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale vapours.

Avoid contact with the eyes and skin.

Keep away from ignition sources.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course.

Avoid penetration into drainage system.

6.3. Methods and material for containment and cleaning up

Discharge of large quantities of the substance:

Remove containers from the contaminated area, avoid contact with sewers, water channels, foundations or bordering zones.

Vacuum or sweep up and place in properly labeled container for disposal.

Absorb with liquid-binding material.

Dispose of the material collected according to regulations.

The discharge of a small quantity of the product:

remove containers from the contaminated zone.

Vacuum or sweep up and place in properly labeled container for disposal. Eliminate using an approved facility for disposal of send waste to a facility authorized to dispose of waste.

Do not put the cast down material back into the original container, for re-use.

Ensure adequate ventilation.

Wash site discharge thoroughly with water.

6.4. Reference to other sections

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See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat.
Avoid contact with skin and eyes.
Ensure good ventilation/exhaustion at the workplace.
Any unavoidable deposit of dust must be regularly removed.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep away from sources of ignition and heat.

Recommended storage temperature: 5°C - 25°C

7.3. Specific end use(s)

In the annex to the safety data sheet are described in the exposure scenarios.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

TLV TWA – no data.

TLV STEL - no data.

DNEL Exposure Limit Values

No data.

PNEC Exposure Limit Values

No data

Additional information:

The lists valid during the making were used as basis.

8.2. Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Exposure Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits for vapour.

If user operations generate vapour or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

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Wash hands before breaks and at the end of work.

Do not breathe vapour.

Avoid contact with the eyes and skin.

Personal protective equipment:

Eye protection (hot process)



Tightly sealed goggles



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: > 480 min

Splash protection

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves.

This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers.

It should not be construed as offering an approval for any specific use scenario

Penetration time of glove material

Value for the penetration: Level ≥ 6

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type P1 (EN 143) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Body protection

Protective work clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Viscous liquid.
Colour:	Straw color.
Odour:	Characteristic.
Odour threshold:	No data available.
pH-value:	No data available.
Melting / Freezing Point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.

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Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper / lower flammability or upper / lower explosion limit:	No data available.
Vapour pressure:	No data available.
Vapor density:	No data available.
Relative density:	0,950 – 1,120 g/cm ³
Solubility in water:	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	500 – 1250 mPa*s
Explosive properties:	Not applicable.
Oxidising properties:	No data available.

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal temperature and pressure.

10.2. Chemical stability

Chemically stable under the conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity:

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

Specific toxicology information on the substances:

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexa-decane-1,16-diyl bismethacrylate (CAS: 72869-86-4):

LD50(oral) > 2000 mg/kg

LD50(dermal) > 2000 mg/kg

skin corrosion/irritation

Causes skin irritation.

serious eye damage/irritation

Causes serious eye irritation.

respiratory or skin sensitisation

May cause an allergic skin reaction.

germ cell mutagenicity

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

carcinogenicity

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

reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

aspiration hazard

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

SECTION 12: Ecological information**12.1. Toxicity****Acute toxicity**

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

Non-applicable.

12.6. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product:**

Disposal of the mixture: dispose in accordance with applicable regulations. Do not dispose of the mixture into the sewage system. Keep residues in sealed, steel containers. Classify waste as hazardous. Disposal of used packages: packaging waste recycling / disposal must be carried out according to applicable regulations. Only completely emptied packages may be recycled. Classification of this waste type observes the requirements for hazardous waste. Legal basis: European Union regulations: European Parliament and Council directives: 2008/98/EC and 94/62/EC.

Should act in accordance with the applicable requirements of local and national regulations.

SECTION 14: Transport information**14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)**

Label no. 9

14.4. Packing group**14.5. Environmental hazards****ADR/RID****3082****IMGD****3082****IATA****3082****ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.****9****III****Yes****9****III****Yes****9****III****Yes**

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14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out for this mixture.

SECTION 16: Other information

This information is based on the present state of our knowledge, they are no assurance of product features and shall not establish a contractual relationship.

Relevant phrases

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure. The information in this Safety Data Sheet describing the safety requirements for our product.

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