

Safety Data Sheet (SDS)

in accordance with Regulation (EU) №1223/2009,
№2020/878, №1907/2006 (REACH)

MSDS Acrylic Basecoat ECO Bright

Version 1
19.10.2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING			
Identification of the substance	Acrylic Basecoat ECO Bright		
Article number			
Registration number (REACH)	This information is not available		
EC number	missing		
CAS number	missing		
Relevant identified uses of the substance or mixture and uses advised against			
Identified uses:	For local painting of metal and polymer parts (including vehicles), primed polymer, concrete, wooden surfaces, glass and fabrics.		
Details of the supplier of the safety data sheet			
Individual entrepreneur Ivanov Roman Victorovich			
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Emergency Information Service:	+7(812) 509-25-77		
2. HAZARDS IDENTIFICATION			
2.1 Classification of the substance or mixture			
Classification in accordance with the Regulations (EC) № 1272/2008 (CLP)			
Classification acc. to GHS			
Section	Hazard class	Hazard class and category	Hazard statement
2.6	Flammable liquids	Flam. Liquid 3	H226
3.1	Acute toxicity - dermal	Acute Tox. 4	H312
3.2	Skin corrosion / irritation	Skin Corr. 2	H315

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3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319
3.8	Specific target organ toxicity, single exposure; drowsiness	STOT Single Exp. 3	H336

Remarks

Full text of Hazard- and EC Hazard Statements: see SECTION 16.

2.2 Label elements

Marking in accordance with the Regulations (EC) № 1272/2008 (CLP)

Signal word**Caution****Pictograms****Hazard statements**

H226	Flammable liquid and vapor. Vapors form explosive mixtures with air
H312	Harmful in contact with skin.
H315	Causes skin irritation
H319	Eye contact causes severe irritation
H336	May cause drowsiness or dizziness

Precautionary statements**Precautionary statements - prevention**

P233	Keep in tightly closed / sealed packaging
P242	Use intrinsically safe tools
P243	Keep away from static electricity
P261	Avoid breathing gas / vapor / dust / aerosols
P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Use gloves / protective clothing / eye / face protection (type indicates manufacturer / supplier)

Precautionary statements - response

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P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing, rinse skin with water or shower
P304 + P340 + P312	IF INHALED: Fresh air, rest. Seek medical attention if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing eyes
P332 + P311	Seek medical attention if skin irritation occurs.
P337 + P311	Seek medical attention if eye irritation persists.
P362 + P364	Take off all contaminated clothing and wash before reuse.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Caution

Symbol(s)



P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing, rinse skin with water or shower
P304 + P340 + P312	IF INHALED: Fresh air, rest. Seek medical attention if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing eyes

2.3 Other hazards

There is no additional information.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Mixture consists of:

Butyl acetate	35 – 70 %
EC number	204-658-1
CAS number	123-86-4

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Xylene	7 – 12 %
EC number	215-535-7
CAS number	1330-20-7
1-methoxy-2-propanol	≤7 %
EC number	203-539-1
CAS number	107-98-2
Ethylbenzene	≤3 %
EC number	202-849-4
CAS number	100-41-4
Butan-1-ol	<3 %
EC number	200-751-6
CAS number	71-36-3
Solvent naphtha (petroleum), light arom	5-10 %
EC number	265-199-0
CAS number	64742-95-6
Ethyl acetate	2-10 %
EC number	205-500-4
CAS number	141-78-6
Propan-2-one (Acetone)	≤5 %
EC number	200-662-2
CAS number	67-64-1
Methyl 2-methylprop-2-enoate	<1 %
EC number	201-297-1
CAS number	80-62-6
2-Methylpropyl-2-methylprop-2-enoate	≤0.3 %
EC number	202-613-0
CAS number	97-86-9

4. FIRST AID MEASURES

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Take off contaminated clothing.

Following inhalation

Fresh air, peace, warmth.

Following skin contact

Wash off with soap and running water.

Following eye contact

Rinse abundantly with running water with a wide-open eye gap. Seek medical attention.

Following ingestion

Drinking plenty of water, activated carbon, saline laxative.

4.2 Most important symptoms and effects, both acute and delayed

Excitement alternating with drowsiness, headache, dizziness, disturbed breathing rhythm, pulse

4.3 Indication of any immediate medical attention and special treatment needed

none

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Coordinate fire-fighting measures to the fire surroundings

water spray, foam, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

There are no fire extinguishing restrictions for this substance / mixture.

5.2 Special hazards arising from the substance or mixture

Flammable liquid.

Hazardous combustion products

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In case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Vapours are heavier than air. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Do not breathe vapour/spray. Avoid contact with skin and eyes. Provide adequate ventilation

6.2 Environmental precautions

Keep away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up**Advices on how to contain a spill**

Covering of drains.

Advices on how to clean up a spill

Absorb with liquid-binding material (e.g. sand, universal binding agents).

Other information relating to spills and releases

Place in appropriate containers for disposal.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8.

Incompatible materials: see section 10. Disposal considerations: see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Keep away from fire and sunlight.

Dry storage room.

Provide good ventilation. If not in use, keep containers tightly closed.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

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Store in a dark ventilated area.

Away from heating and flammable objects!

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice**• Ventilation requirements**

Use local and general ventilation.

• Specific designs for storage rooms or vessels

Recommended storage temperature: from +5 to +35 ° C.

7.3 Specific end use(s)

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****National limit values****Occupational exposure limit values (Workplace Exposure Limits)**

no data

8.2 Exposure controls**Individual protection measures (personal protective equipment)****Eye/face protection**

Use safety goggle with side protection.

Skin protection**• hand protection**

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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NBR (Nitrile rubber)

• material thickness

>0,11 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C , color code: Brown).

Environmental exposure controls

Keep away from drains, surface and ground water.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties****Appearance**

Physical state	liquid
Odour	no data available
Odour threshold	no data available

Other physical and chemical parameters

pH (value)	no data available
Density	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available

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Flammability (solid, gas)	flammable liquid
<u>Explosive limits</u>	
• lower explosion limit (LEL)	this information is not available
• upper explosion limit (UEL)	this information is not available
Explosion limits of dust clouds	this information is not available
Vapour pressure	this information is not available
Density	this information is not available
Vapour density	this information is not available
Bulk density	this information is not available
Relative density	this information is not available
<u>Solubility(ies)</u>	
Water solubility	soluble
<u>Partition coefficient</u>	
n-octanol/water (log KOW)	this information is not available
Ignition temperature	this information is not available
Auto-ignition temperature	this information is not available
Decomposition temperature	this information is not available
Viscosity	10 s
Explosive properties	this information is not available
Oxidising properties	this information is not available
9.2 Other information	
No additional information	
10. STABILITY AND REACTIVITY	
10.1 Reactivity	
Stable under normal conditions of use	
10.2 Chemical stability	
Stable under normal conditions.	
10.3 Possibility of hazardous reactions	

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With proper storage, storage and use, no hazardous reactions known

10.4 Conditions to avoid

Moisture. Overheating.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Exposure route	Endpoint	Value	Species
Butyl acetate			
oral	LD50	14,5 ml/kg	rat
inh.	LC50	0,74 mg/l	rat
dermal	LD50	> 16 ml/kg	rabbit
Xylene			
oral	LD50	3 523 mg/kg	rat
inh.	LC50	6 700 ppm	rat
dermal	LD50	12 126 mg/kg	rabbit
1-methoxy-2-propanol			
oral	LD50	4 277 mg/kg	rat
кожная	LD50	> 2 000 ml/kg	rat
Ethylbenzene			
oral	LD50	3 500 mg/kg	rat
inh.	LC50	4 000 ppm	rat
dermal	LD50	17,8 ml/kg	rabbit
Butan-1-ol			
oral	LD50	2292 mg/kg	rat
inh.	LC0	> 17,76 mg/l	rat
dermal	LD50	3 430 mg/kg	rabbit

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Solvent naphtha (petroleum), light arom			
oral	LD50	> 5 000 mg/kg	rat
inh.	LC50	> 7 630 mg/m ³	rat
dermal	LD50	> 2 000 mg/kg	rabbit
Ethyl acetate			
oral	LD50	5 620 mg/kg	rat
dermal	LD50	> 20 000 mg/kg	rabbit
Propan-2-one (Acetone)			
oral	LD50	5 800 mg/kg	rat
inh.	LC50	55 700 ppm	rat
dermal	LD50	> 7 426 mg/kg	rabbit
Methyl 2-methylprop-2-enoate			
oral	LD50	7900 mg/kg	rat
inh.	LC50	29,8 mg/l	rat
dermal	LD50	> 5000 mg/kg	rabbit
2-Methylpropyl-2-methylprop-2-enoate			
oral	LD50	9 590 mg/kg	rat
dermal	LD50	> 20 ml/kg	cavy

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes severe eye irritation.

Respiratory or skin sensitisation

Not classified as a respiratory irritant or skin allergen.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

• Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

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Symptoms related to the physical, chemical and toxicological characteristics

• If swallowed

Nausea, vomiting, pain along the digestive tract, diarrhea

• If in eyes

Lachrymation, redness, itching

• If inhaled

Excitement alternating with drowsiness, headache, dizziness, disturbed breathing rhythm, pulse

• If on skin

Irritation, dryness, itching

Other information

Other adverse effects: lethargy, decreased motor activity and reactions to external stimuli

12. ECOLOGICAL INFORMATION

12.1 Toxicity

acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

Endpoint	Value	Species	Source	Exposure time
Butyl acetate				
LC50	18 mg/l	Pimephales promelas	ECHA	96 h
EC50	44 mg/l	Daphnia magna	ECHA	48 h
EC50	335 mg/l	Pseudokirchneriella subcapitata	ECHA	24 h
Xylene				
LC50	8,4 mg/l	Oncorhynchus mykiss	ECHA	96 h
LC50	1 mg/l	Daphnia magna	ECHA	24 h
EC50	4,9 mg/l	Pseudokirchneriella subcapitata	ECHA	72 h
1-methoxy-2-propanol				
LC50	> 4 600 - <10 000 mg/l	Leuciscus idus,	ECHA	96 h
LC50	21 100 - 25 900	Daphnia magna	ECHA	48 h

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	mg/l			
EC50	> 1 000 mg/l	Pseudokirchneriella subcapitata	ECHA	7 d
Ethylbenzene				
LC50	7 mg/l	Menidia menidia	ECHA	24 h
LC50	> 5,2 mg/l	Americamis Bahia	ECHA	24 h
EC50	13,4 mg/l	Pseudokirchneriella subcapitata	ECHA	24 h
Butan-1-ol				
NOEC	519 mg/l	Pimephales promelas	ECHA	96 h
EC50	1 328 mg/l	Daphnia magna	ECHA	48 h
EC50	225 mg/l	Pseudokirchneriella subcapitata	ECHA	96 h
Solvent naphtha (petroleum), light arom				
LC50	9,22 mg/l	Fish	ECHA	96 h
EC50	6,14 mg/l	Daphnia magna	ECHA	48 h
Ethyl acetate				
LC50	230 mg/l	Pimephales promelas	ECHA	96 h
NOEC	> 100 mg/l	Desmodesmus subspicatus	ECHA	72 h
Propan-2-one (Acetone)				
LC50	8 120 mg/l	Pimephales promelas	ECHA	96 h
LC50	8 800 mg/l	Daphnia Pulex	ECHA	48 h
NOEC	4 740 mg/l	Scenedesmus pannonicus	ECHA	48 h
Methyl 2-methylprop-2-enoate				
LC50	> 79 mg/l	Oncorhynchus mykiss	ECHA	96 h
EC50	69 mg/l	Daphnia magna	ECHA	48 h
NOEC	37 mg/l	Daphnia magna	ECHA	21 d
2-Methylpropyl-2-methylprop-2-enoate				
LC50	20 mg/l	Oncorhynchus mykiss	ECHA	96 h
EC50	> 29 mg/l	Daphnia magna	ECHA	48 h

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EC50	44 mg/l	Pseudokirchneriella subcapitata	M	72 h
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12.2 Process of degradability

no data

12.3 Bioaccumulative potential

no data

12.4 Mobility in soil

no data

12.5 Results of PBT and vPvB assessment

no data

12.6 Other adverse effects

no data

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

Transport in accordance with the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), the Regulations for the International Carriage of Dangerous

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Goods by Rail (RID), the International Maritime Dangerous Goods Code (IMDG), the rules established by the International Air Transport Association (IATA).

IMDG:

UN number: 1263
Proper shipping name: PAINT (including paint, varnish, enamel, colorant, shellac, drying oil, varnish, liquid filler and liquid lacquer base)
Class: 3
Additional hazard: -
Packing group: III
Special provisions: 183

RID:

UN number: 1263
Class: -
Classification code: F1
Packing instructions: P001
Special packing provisions: PP1
Special provisions: -

IATA:

UN number: 1263
Packing group: III

Passenger aircraft:

EQ E1
Packing instructions: P001
Maximum net quantity per package 5 l

Cargo aircraft:

Packing instructions: P001
Maximum net quantity per package: 5 l
ERG Code -

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Relevant provisions of the European Union (EU)**

- **Regulation 649/2012 / EU on the export and import of hazardous chemicals (PIC)**

Not listed

- **Regulation 1005/2009/EU on substances that deplete the ozone layer (ODS)**

Not listed

- **Regulation 850/2004 / EU on Persistent Organic Pollutants (POP)**

Not listed

- **Restrictions in accordance with REACH, Annex XVII**

Not listed

- **List of substances subject to authorization (REACH, Annex XIV)**

Not listed

- **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment. (RoHS) - Annex II**

Not listed

- **Regulation 166/2006 / EU on the establishment of European Pollutant Release and**

Transfer Registers

Not listed

- **Directive 2000/60 / EC establishing a framework for Community action in the field of**

water policy

Not listed

National regulations

The substance is included in the following national regulations:

- EINECS/ELINCS (Europe)

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

16. OTHER INFORMATION

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Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des

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	marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	short-term exposure limit
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne conatminants
Main literature references and data sources	
<ul style="list-style-type: none"> - Regulation (EU) No 1907/2006 (REACH), as amended by 453/2010 / EU - Regulation (EU) No. 1272/2008 (CLP, EU GHS) 	
List of relevant phrases (code and full text as stated in chapter 2 and 3)	
Code	Text
H226	Flammable liquid and vapor. Vapors form explosive mixtures with air
H312	Harmful in contact with skin.
H315	Causes skin irritation
H319	Eye contact causes severe irritation
H336	May cause drowsiness or dizziness
Disclaimer	
<p>The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.</p>	