

Acrylic Diluent STANDARD

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

1.1 - Product identifier

Trade name/designation Acrylic Diluent STANDARD

Chemical name

Product-type Mixture

Product code 3616A

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

Uses advised against - Not suitable for home work (DIY).

1.3 - Details of the supplier of the safety data sheet

MIX PLAST SARL

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1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3	Flammable liquid and vapour. - Category 3
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: n-butyl acetate (CAS No.: 123-86-4)||Hydrocarbures, C9, aromatiques (CAS No.:)||1-methoxy-2-propanol, monopropylene glycol methyl ether (CAS No.: 107-98-2)|| 2-methoxy-1-methylethyl acetate (CAS No.: 108-65-6)

Signal word : Warning

Hazard pictograms



Hazard statements

H226	Flammable liquid and vapour
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects

Precautionary statements



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P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust, fume, gas, mist, vapours, spray.
P273	Avoid release to the environment.
P312	Call a a POISON CENTER, a doctor if you feel unwell.
P370+P378	In case of fire: Use Carbon dioxide (CO2), alcohol-resistant foam, extinguishing powder for extinction.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
EUH-phrases	
EUH066	Repeated exposure may cause skin dryness or cracking

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
n-butyl acetate	CAS No. : 123-86-4 Index No. : 607-025-00-1 EC No. : 204-658-1	29 - 45	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
Hydrocarbures, C9, aromatiques	CAS No. : Index No. : EC No. : 918-668-5	10 - 20	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Flam. Liq. 3 - H226 STOT SE 3 (H335) - H335 STOT SE 3 (H336) - H336	Not applicable
2-methoxy-1-methylethyl acetate	CAS No. : 108-65-6 Index No. : 607-195-00-7 EC No. : 203-603-9	9 - 20	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
1-methoxy-2-propanol, monopropylene glycol methyl ether	CAS No. : 107-98-2 Index No. : 603-064-00-3 EC No. : 203-539-1	4 - 10	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
Xylene	CAS No. : 1330-20-7 Index No. : 601-022-00-9 EC No. : 215-535-7	4 - 10	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Asp. Tox. 1 - H304 Eye Irrit. 2 - H319 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H335) - H335	Not applicable
2-butoxyethyl acetate, butylglycol acetate	CAS No. : 112-07-2 Index No. : 607-038-00-2 EC No. : 203-933-3	4 - 10	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Provide fresh air.
- Call a physician immediately.
- If breathing is irregular or stopped, administer artificial respiration.

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<u>Following skin contact</u>	<ul style="list-style-type: none"> - After contact with skin, wash immediately with plenty of water and soap. - In case of skin irritation, consult a physician. - Take off immediately all contaminated clothing and wash it before reuse.
<u>After eye contact</u>	<ul style="list-style-type: none"> - Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist. - Remove contact lenses, if present and easy to do. Continue rinsing.
<u>After ingestion</u>	<ul style="list-style-type: none"> - Call a physician immediately. - Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

<u>Symptoms and effects - Following inhalation</u>	- SECTION 11: Toxicological information
<u>Symptoms and effects - Following skin contact</u>	- SECTION 11: Toxicological information
<u>Symptoms and effects - After eye contact</u>	- SECTION 11: Toxicological information
<u>Symptoms and effects - After ingestion</u>	- SECTION 11: Toxicological information

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none"> - Carbon dioxide (CO2) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- Full water jet

5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	<ul style="list-style-type: none"> - In case of fire and/or explosion do not breathe fumes. - Explosion risk in case of fire.
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5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- firefighter boots (HO A29 or A30)
- flame arrestor combination (EN469)
- Container device with compressed air (DIN EN 137)
- Special protective equipment for firefighters
- flameproof gloves (EN 659)
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Use water spray jet to protect personnel and to cool endangered containers.

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SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Remove persons to safety.
- Keep away from heat.
- Keep away from sources of ignition - No smoking.
- Safe handling: see section 7
- Wear personal protection equipment (refer to section 8).

For emergency responders

- No information available.

6.2 - Environmental precautions

- Do not allow to enter into soil/subsoil.
- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- Take up mechanically, placing in appropriate containers for disposal.
- Conditions for safe storage, including any incompatibilities
- SECTION 10: Stability and reactivity

Methods and material for cleaning up

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.
- SECTION 13: Disposal considerations

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact
- Take precautionary measures against static discharges.
- Discharge into the environment must be avoided.
- Vapours are heavier than air, spread along floors and form explosive mixtures with air.
- Contaminated work clothing should not be allowed out of the workplace.
- Do not eat, drink or smoke when using this product.
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Advices on general occupational hygiene

- No information available.

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7.2 - Conditions for safe storage, including any incompatibilities

- This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).
- Keep container tightly closed in a cool, well-ventilated place.
- Keep/Store only in original container.
- Keep away from clothing as well as other incompatible materials.
- SECTION 10: Stability and reactivity

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.



- DIN EN 374
- Suitable material: NBR (Nitrile rubber)
- 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.
- Suitable protective clothing: Full protection suit



- Required properties: antistatic
- Directive 89/686/CEE & EN ISO 20344
- Gently wash with plenty of soap and water.
- Respiratory protection



- Combination filtering device (EN 14387)
- Container device with compressed air (DIN EN 137)
- Suitable respiratory protection apparatus: Fresh-air tube device (DIN EN 138)

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- Suitable eye protection: Dust protection
eye glasses



- DIN EN 166

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u> <u>Colour</u>	<u>Liquid</u> colourless	<u>Appearance</u> <u>Odour</u>	<u>Liquid</u> Typical solvent
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		127 °C	
Flash point		> 23 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		1,2 % Vol. 15°C	
Upper explosion limit		7,7 % Vol. 15°C	
Vapour pressure		8,52 hPa 20°C	
Vapour density		No data available	
Relative density		0,896 kg/l 20°C	
Density		No data available	
Solubility (Water)		not soluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	

9.2 - Other information

VOC content	611,25 g/l 68.22%
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

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- Vapours can form explosive mixtures with air.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- 1-METHOSSIS-2-PROPANOL: may react dangerously with strong oxidizing agents and strong acids.
- 2-METHOSSIS-1-METHYLETYLACETATE: It may react violently with oxidants and strong acids and alkali metals.
- N-BUTYL ACETATE: Vapors may form explosive mixtures with air.
- In use may form flammable/explosive vapour-air mixture.

10.4 - Conditions to avoid

- Remove all sources of ignition.
- In case of warming: Ignition hazard
- In case of warming: Danger of bursting container.
- Take precautionary measures against static discharges.

10.5 - Incompatible materials

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Oxidising agent
- Alkali (lye)
- Copper
- Acid
- Strong acid
- Alkali (lye)
- Water
- Alkali metals
- nitrates
- potassium t-butoxide

10.6 - Hazardous decomposition products

- Incomplete combustion and thermolysis produce more or less toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.
- ACETATE DE BUTYLGLYCOL : CO, CO2

SECTION 11: Toxicological information

11.1 - Information on toxicological effects

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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

Toxicity : Substances

n-butyl acetate (123-86-4)	
LD50 oral (rat)	> 12000 mg/kg
LD50 dermal (rabbit)	> 14000 mg/kg
LC50 inhalation (rat)	0.74 mg/l/4h
Xylene (1330-20-7)	
LD50 oral (rat)	> 3500 mg/kg
LD50 dermal (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 4200 mg/kg
LC50 inhalation (rat)	6.700 ppm (4h)
2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral (rat)	6190 mg/kg
LD50 dermal (rat)	> 2000 mg/kg

Skin corrosion/irritation - Not classified

- Irritating to skin.

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - STOT-single exposure - Category 3 (H335) - May cause respiratory irritation
- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

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n-butyl acetate (123-86-4)	
EC50 48 hr crustacea	44 mg/l
LC50 96 hr fish	18 mg/l
ErC50 algae	397 mg/l 72h
ErC50 other aquatic plants	397 mg/l 72h
NOEC chronic crustacea	23,2 mg/l
NOEC chronic algae	196 mg/l
NOEC chronic other aquatic plants	196 mg/l
Xylene (1330-20-7)	
LC50 96 hr fish	2,6 mg/l
ErC50 algae	1,9 mg/l
ErC50 other aquatic plants	1,9 mg/l
NOEC chronic fish	> 1,3 mg/l
NOEC chronic crustacea	1,17 mg/l
2-methoxy-1-methylethyl acetate (108-65-6)	
EC50 48 hr crustacea	> 500 mg/l
LC50 96 hr fish	> 100 mg/l
ErC50 algae	> 1000 mg/l 72h
ErC50 other aquatic plants	> 1000 mg/l 72h
NOEC chronic fish	47,5 mg/l
NOEC chronic crustacea	> 100 mg/l
NOEC chronic algae	>= 1000 mg/l
NOEC chronic other aquatic plants	>= 1000 mg/l

- Harmful to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

12.6 - Other adverse effects

- No information available.



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SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	<ul style="list-style-type: none"> - Consult the appropriate local waste disposal expert about waste disposal. - Send to a hazardous waste incinerator facility under observation of official regulations. - Land transport (ADR/RID)
<u>Community or national or regional provisions</u>	- Observe in addition any national regulations!

SECTION 14: Transport information

14.1 - UN number

<u>UN number (ADR)</u>	:	UN1263
<u>UN number (RID)</u>	:	UN1263
<u>UN number (IMDG)</u>	:	UN1263
<u>UN number (IATA)</u>	:	UN1263

14.2 - UN proper shipping name

<u>UN proper shipping name (ADR)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E
<u>UN proper shipping name (RID)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E
<u>UN proper shipping name (IMDG)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E
<u>UN proper shipping name (IATA)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E

14.3 - Transport hazard class(es)

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ADR Transport hazard class(es) : 3

ADR Classification code: : F1

Pictograms



Transport hazard class(es) (RID) : 3

Pictograms



Transport hazard class(es) (IMDG) : 3

Pictograms



Transport hazard class(es) (IATA) : 3

Pictograms



14.4 - Packing group

Packing group : III

Packing group (RID) : III

Packing group (IMDG) : III

Packing group (IATA) : III

14.5 - Environmental hazards

Environmental hazards : No

Marine pollutant : No

14.6 - Special precautions for user



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ADR

<u>ADR Classification code:</u>	:	F1
<u>ADR Special provisions</u>	:	163+ 640E+650+367
<u>ADR Limited quantity (LQ)</u>	:	5 L
<u>ADR Excepted quantities</u>	:	E1
<u>ADR Packing instructions</u>	:	P001 IBC03 LP01 R001
<u>ADR Special packing provisions</u>	:	PP1
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	T2
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1 TP29
<u>ADR tank code</u>	:	LGBF
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	FL
<u>ADR Transport category</u>	:	3
<u>ADR Tunnel restriction code</u>	:	D/E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	V12
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2
<u>ADR Hazard identification number (Kemler No.)</u>	:	30

RID

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	5L
<u>Excepted quantities</u>	:	

IMDG

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	5L
<u>Excepted quantities</u>	:	
<u>Packing instructions</u>	:	
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>EmS codes</u>	:	F-E, S-E
<u>Stowage and handling</u>	:	
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	

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IATA

PCA - Excepted quantities	:	
PCA - Limited Quantity - Packing Instructions	:	
PCA - Limited Quantity - Maximum Net Quantity per Package	:	
PCA - Packing Instructions	:	355
PCA - Maximum Net Quantity per Package	:	60L
CAO - Packing Instructions	:	366
CAO - Maximum Net Quantity per Package	:	220L
Special Provisions	:	
ERG Code	:	

14.7 - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None

VOC content 611,25 g/l

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
2	26/03/2019	SECTION 2: Addition: P261 - P273 - P403 + 233 - 2-methoxy-1-methylethyl acetate (CAS RN: 108-65-6) Less: xylene (CAS No .: 1330-20-7) - P233 - P280 - P304 + 340 SECTION 3: Added: H336 to 2-methoxy-1-methylethyl acetate (CAS no .: 108-65-6)
1	08/03/2018	

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Irrit. 2	Eye irritation - Category 2



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Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs or state all organs affected, if known through prolonged or repeated exposure - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H412	Harmful to aquatic life with long lasting effects
Skin Irrit. 2	Irritation, Category 2
STOT RE 2	STOT-repeated exposure - Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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