

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

NAME OF THE PRODUCT BUMPER Textured paint for bumpers 1l black
CODE 090003
DISTRIBUTOR BOSSAUTO INNOVA, S.A.
ADDRESS C/ Thomas Edison, 16
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2. HAZARDS IDENTIFICATION



2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)

Flam. Liq. 2	Highly flammable liquid and vapour.
Skin Irrit. 2	Causes skin irritation.
Eye Irrit. 2	Causes serious eye irritation.
STOT SE 3	May cause respiratory irritation.
STOT SE 3	May cause drowsiness or dizziness.
STOT RE 2	May cause damage to organs through prolonged or repeated exposure if inhaled or swallowed.
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP)

Pictograms and Signal Words



Danger

Hazards statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure if inhaled or swallowed.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves/clothing and eye/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Special Provisions:

EUH208	Contains methyl methacrylate. May produce an allergic reaction.
EUH208	Contains maleic anhydride. May produce an allergic reaction.

Contains:

Xylene
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Acetone
Ethyl acetate

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Otros peligros

On the basis of available data, the product does not contain any PBT/vPvB in percentage $\geq 0.1\%$. No other hazards

3. IDENTIFICACIÓN DE LAS SUSTANCIAS

3.1. Substances

N.A.

3.2. Mezclas

Mixture identification: BUMPER

Hazardous components within the meaning of the CLP regulation and related classification:

Quantity	Name	Ident. Number	Classification	Registration number
≥20 - <25%	Xylene	CAS:1330-20-7 EC:215-535-7 Index:601-022- 00-9	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Aquatic Chronic 3, H412	01- 2119488216- 32-xxxx
≥10 - <12.5%	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	EC: 927-510-4	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	01- 2119475515- 33-xxxx
≥2.5 - <3%	Acetone	CAS:67-64-1 EC:200-662-2 Index:606-001- 00-8	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336, EUH066	01- 2119471330- 49-xxxx
≥1 - <2.5%	Ethyl acetate	CAS:141-78-6 EC:205-500-4 Index:607-022- 00-5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336, EUH066	01- 2119475103- 46-xxxx
≥1 - <2.5%	n-butyl acetate	CAS:123-86-4 EC:204-658-1 Index:607-025- 00-1	Flam. Liq. 3, H226 STOT SE 3, H336, EUH066	01- 2119485493- 29-xxxx
≥0.1 - <0.3 %	Methyl methacrylate	CAS:80-62-6 EC:201-297-1 Index:607-035- 00-6	Flam. Liq. 2, H225 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317	01- 2119452498- 28-xxxx
< 0,00015%	Maleic anhydride	CAS:108-31-6 EC:203-571-6 Index:607-096-00-9	Acute Tox. 4, H302 STOT RE 1, H372 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1A, H317, EUH071	01- 2119472428- 31-xxxx

Note: any information in the EC # column starting with number "9" is an EC # Provisional List Number provided by ECHA pending publication of the official European Inventory of Substances. The following substance is identified by the CAS number both in countries not subject to REACH Regulations and in Regulations not yet updated with the new nomenclature of hydrocarbon solvents. Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics: CAS 92045-53-9.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing immediately and dispose off safely.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

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

The symptoms and effects are as expected from the hazards as shown in section 2.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

CO₂, powder extinguisher, foam, water spray.

Extinguishing media which must not be used for safety reasons:

Water jet.

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.

Do not inhale explosion and/or combustion gases (carbon monoxide, carbon dioxide, nitrogen oxides).

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Material suitable for collection: inert absorbent material (e.g. sand, vermiculite)
After the product has been recovered, rinse the area and materials involved with water.
Retain contaminated washing water and dispose it.

6.4. Reference to others sections

See also section 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place, away from heat.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.

Incompatible materials:

See chapter 10.5.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

Recommendation(s)
See chapter 1.2

Industrial sector specific solutions:
None in particular

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Community Occupational Exposure Limits (OEL)

Identification	OEL Type	Long term mg/m ³	Long term ppm	Short term mg/m ³	Short term ppm
Xylene	WEL	220.000	50.000	441.000	100.000
Acetone	WEL	1210.000	500.000	2420.000	1000.000
Ethyl acetate	WEL	730.000	200.000	1460.000	400.000
N-butyl acetate	WEL	724.000	150.000	966.000	200.000
Methyl methacrylate	WEL	208.000	50.000	416.000	100.000
Maleic anhydride	WEL	1.000		3.000	

Predicted No Effect Concentration (PNEC) values

Identification	PNEC limit	Exposure frequency
Xylene CAS: 1330-20-7	0.327 mg/l	Marine water
	0.327mg/l	Fresh water
	6.58 mg/l	Microorganisms in sewage treatments
	12.46 mg/kg	Marine water sediments
	12.46 mg/kg	Freshwater sediments
	2.31 mg/kg	Soil (agricultural)
Acetone CAS: 67-64-1	10.6 mg/l	Marine water
	1.06 mg/l	Fresh water
	100 mg/l	Microorganisms in sewage treatments
	30.4 mg/kg	Marine water sediments
	3.04 mg/kg	Freshwater sediments
	29.5 mg/kg	Soil (agricultural)
Ethyl acetate CAS: 141-78-6	0.024 mg/l	Marine water
	0.24 mg/l	Fresh water
	0.115 mg/kg	Microorganisms in sewage treatments
	1.15 mg/kg	Marine water sediments
	650 mg/l	Freshwater sediments
	0.148 mg/kg	Soil (agricultural)

N-butyl acetate CAS: 123-86-4	0.018 mg/l	Marine water
	0.18 mg/l	Fresh water
	0.098 mg/kg	Microorganisms in sewage treatments
	0.981 mg/kg	Marine water sediments
	35.6 mg/l	Freshwater sediments
	0.090 mg/kg	Soil (agricultural)
Methyl methacrylate CAS: 80-62-6	0.094 mg/l	Marine water
	0.94 mg/l	Fresh water
	10 mg/l	Microorganisms in sewage treatments
	10.200 mg/kg	Marine water sediments
	0.102 mg/kg	Freshwater sediments
	1.470 mg/kg	Soil (agricultural)
Maleic anhydride CAS: 108-31-6	0.075 mg/l	Fresh water
	0.008 mg/l	Marine water
	4.6 mg/l	Microorganisms in sewage treatments
	0.06 mg/kg	Freshwater sediments
	0.006 mg/kg	Marine water sediments
	0.01 mg/kg	Soil (agricultural)
	6.67 mg/kg	Food chain

Derived No Effect Level (DNEL) values – Professional Worker

Identification	Exposure Route	Short term		Long term	
		Systemic	Local	Systemic	Local
Xylene CAS: 1330-20-7	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Inhalation	Non-applicable	Non-applicable	2085 mg/m ³	Non-applicable
	Dermal	Non-applicable	Non-applicable	300 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Acetone CAS: 67-64-1	Inhalation	Non-applicable	2420 mg/m ³	1210 mg/m ³	Non-applicable
	Dermal	Non-applicable	Non-applicable	186 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Ethyl acetate CAS: 141-78-6	Inhalation	1468 mg/m ³	1468 mg/m ³	734 mg/m ³	734 mg/m ³
	Dermal	Non-applicable	Non-applicable	63 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable

N-butyl acetate CAS: 123-86-4	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Methyl methacrylate CAS: 80-62-6	Inhalation	Non-applicable	Non-applicable	208 mg/m ³	208 mg/m ³
	Dermal	Non-applicable	1.5 mg/cm ²	13.67 mg/kg	1.5 mg/cm ²
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Maleic anhydride CAS: 108-31-6	Inhalation	0.95 mg/m ³	Non-applicable	0.19 mg/m ³	0.32 mg/m ³
	Dermal	0.2 mg/kg	Non-applicable	0.2 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable

Derived No Effect Level (DNEL) values- Consumer

Identification	Exposure Route	Short term		Long term	
		Systemic	Local	Sistémico	Local
Xylene CAS: 1330-20-7	Inhalation	260 mg/m ³	260 g/m ³	65.3 g/m ³	65.3 g/m ³
	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	12.5 mg/kg	Non-applicable
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Inhalation	Non-applicable	Non-applicable	447 mg/m ³	Non-applicable
	Dermal	Non-applicable	Non-applicable	149 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	149 mg/kg	Non-applicable
Acetone CAS: 67-64-1	Inhalation	Non-applicable	Non-applicable	200 mg/m ³	Non-applicable
	Dermal	Non-applicable	Non-applicable	62 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	62 mg/kg	Non-applicable
Ethyl acetate CAS: 141-78-6	Inhalation	734 mg/m ³	734 mg/m ³	367 mg/m ³	367 mg/m ³
	Dermal	Non-applicable	Non-applicable	37 mg/kg	Non-applicable
	Oral	Non-applicable	Non-applicable	4.5 mg/kg	Non-applicable
N-butyl acetate CAS: 123-86-4	Inhalation	300 mg/m ³	300 mg/m ³	35.7 mg/m ³	35.7 mg/m ³
	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
Methyl methacrylate CAS: 80-62-6	Inhalation	Non-applicable	Non-applicable	74.3 mg/m ³	104 mg/m ³
	Dermal	Non-applicable	1.5 mg/cm ²	8.2 mg/kg	1.5 mg/cm ²
	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable

Maleic anhydride CAS: 108-31-6	Inhalation	0.25 mg/m ³	Non-applicable	0.05 mg/m ³	0.08 mg/m ³
	Dermal	0.1 mg/kg	Non-applicable	0.1 mg/kg	Non-applicable
	Oral	0.1 mg/kg	Non-applicable	0.06 mg/kg	Non-applicable

8.2. Exposure controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.



Eye protection:

Eye glasses with side protection (EN 166).



Protection for skin:

Personnel should wear anti-static clothing made of natural fibre or high temperature resistant synthetic fibre.



Protection for hands:

There is no material or combination of materials for gloves that can guarantee unlimited resistance to any individual chemical or combination of chemicals.

For prolonged or repeated handling, use chemical resistant gloves.

Suitable materials for safety gloves (EN 16523); NBR (Nitril rubber): thickness ≥ 0.4 mm; permeation time ≥ 480 min.; FKM (Fluorinated rubber): thickness ≥ 0.4 mm; permeation time ≥ 480 min.

The choice of suitable gloves does not only depend on the material, but also on other quality characteristics that vary from one manufacturer to another and on the manner and times according to which the mixture is used.



Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Combination filtering device (EN 14387).

Environmental exposure controls:

See point 6.2

Hygienic and Technical measures

See section 7.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous
Color	Various
Odour	Of solvent
Odour threshold	N.D.
pH	N.A. (Not applicable due to nature of the product)
Melting point/ freezing point:	N.D.
Initial boiling point and boiling range	> 35 °C (95 °F) (Internal assessment)
Flash point	-8.5°C (16.7°F) (EN ISO 3679)

Evaporation rate	N.D.
Density	1.12 ± 0.02 kg/l (Internal method)
Upper/ lower flammability or explosive limits	N.D.
Vapour density	N.D.
Vapour pressure	N.D.
Solubility in water	Insoluble
Solubility in oil	No data available
Partition coefficient (n-octanol/water)	N.A.
Auto- ignition temperature	N.D.
Decomposition temperatura	N.D.
Viscosity	> 20.5 mm ² /s - 40 °C
Explosives properties	N.D.
Oxidizing properties	N.D.
Solid/ gas flammability	N.A.

9.2. Other information

Conductivity: N.D.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Because of heat or fire the preparation can release carbon oxides and vapours which may be harmful to health.

Keep away from oxidising agents and strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

Keep away from heat sources.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

See chapter 10.3

10.6. Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

See chapter 5.2

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information of the preparation

Acute toxicity

Not classified.

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

Skin corrosion/ irritation

Not classified.

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

Serious eye damage/ irritation

Not classified.

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

Respiratory or skin sensitisation

Not classified.

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

Germ cell mutagenicity

Not classified.

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

Carcinogenicity

Not classified.

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

Reproductive toxicity

Not classified.

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

STOT- single exposure

Not classified.

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

STOT – repeated exposure

Not classified.

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

Aspiration hazard

Not classified.

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

Toxicological information on main components of the mixture:

Identification	Acute toxicity			Species
	LD50	Route	Dose	
Xylene	LD50	Oral	3523 mg/kg	Rat
	LD50	Dermal	12126 mg/kg	Rabbit
	LC50	Inhalation	27124 mg/m ³ (4h)	Rat
Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics	LD50	Oral	>5840 mg/kg	Rat
	LD50	Dermal	>2920 mg/kg	Rabbit
	LC50	Inhalation	> 23.3 mg/l (4h)	Rat
Acetone	LD50	Oral	5800 mg/kg	Rat
	LD50	Dermal	7400 mg/kg	Rabbit
	LC50	Inhalation	76 mg/l 4h	Rat
Ethyl acetate	LD50	Oral	5620 mg/kg	Rat
	LD50	Dermal	> 20000 mg/kg	Rabbit
	LCL0	Inhalation	> 6000 ppm 6h	Rat
N-butyl acetate	LD50	Oral	10760 mg/kg	Rat
	LD50	Dermal	14112 mg/kg	Rabbit
	LC50	Inhalation	> 21.1 mg/l 4h	Rat
Methyl methacrylate	LD50	Oral	> 5000 mg/kg	Rat
	LD50	Dermal	> 5000 mg/kg	Rabbit
	LC50	Inhalation	29.8 mg/l	Rat
Maleic anhydride	LD50	Oral	1090 mg/kg	Rat
	LD50	Dermal	2620 mg/kg	Rabbit
	LC50	Inhalation	> 4.35 mg/m ³ 1h	Rat

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

Harmful to aquatic life with long lasting effects.

List of Eco-Toxicological properties of the producto

The product is classified: Aquatic Chronic 3(H412)

List of Eco-Toxicological properties of the components

Identification	Ecotox Data		Species/ Genre
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics EINECS: 927-510-4	LC50	>13.4 mg/l 96h	Fish
	EC50	3 mg/l 48h	Daphnia
	EC50	10 mg/l 72h	Algae
	NOELR	1.534 mg/l 28d	Fish
	NOELR	1 mg/l 21d	Daphnia
Acetone CAS: 67-64-1 EINECS: 200-662-2 INDEX: 606-001-00-8	LC50	5540 mg/l 96h	Fish
	LC50	8800 mg/l 48h	Daphnia
	NOELR	2212 mg/l	Crustaceans
Ethyl acetate CAS: 141-78-6 EINECS: 205-500-4 INDEX: 607-022-00-5	LC50	230 mg/l 96h	Fish
	EC50	165 mg/l 48h	Daphnia
N-butyl acetate CAS: 123-86-4 EINECS: 204-658-1 INDEX: 607-025-00-1	LC50	18 mg/l 96h	Fish
	EC50	44 mg/l 48h	Daphnia
	EC50	675 mg/l 72h	Algae
	NOEC	23 mg/l 21d	Dapnia
Methyl methacrylate CAS: 80-62-6 EINECS: 201-297-1 INDEX: 607-035-00-6	LC50	> 79 mg/l 96h	Fish
	EC50	69 mg/l 48h	Daphnia
	NOEC	37.00000 mg/l 21d	Daphnia
	EC50	110.00000 mg/l 72h	Algae
	NOEC	49.00000 mg/l 72h	Algae
Maleic anhydride CAS: 108-31-6 EINECS: 203-571-6 INDEX: 607-096-00-9	LC50	75 mg/l 96h	Fish
	EC50	42.81 mg/l 48h	Daphnia
	EC50	74.32 mg/l 72h	Algae
	NOEC	10 mg/l 21d	Daphnia

12.2. Persistence and degradability

Component	Persistence/degradability
Xylene	Readily biodegradable
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Readily biodegradable
Acetone	Readily biodegradable
Ethyl acetate	Readily biodegradable
N-butyl acetate	Readily biodegradable
Methyl methacrylate	Readily biodegradable
Maleic anhydride	Readily biodegradable

12.3. Bioaccumulative potential

Xylene - Not bioaccumulative

12.4. Mobility in soil

Xylene - Mobile

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT/vPvB in percentage $\geq 0.1\%$.

12.6. Other adverse effects

N.A.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Do not allow it to enter drains or watercourses.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

14. TRANSPORT INFORMATION



14.1. UN number

1263

14.2. UN proper shipping name

ADR-Shipping name:

PAINT

IATA-Technical name:

PAINT

IMDG-Technical name:

PAINT

14.3. Transport hazard class(es)

ADR- Class:

3

IATA-Class:

3

IMDG-Class:

3

14.4. Packing group

ADR- Packing group:

II

IATA- Packing group:

II

IMDG- Packing group:

II

14.5. Environmental hazards

Marine pollutant:

No

Enviromental Pollutant:

No

14.6. Special precautions for users

Road and Rail (ADR-RID)

ADR exempt:	
ADR- Label:	3
ADR- Hazard identification number:	33
ADR- Special provisions:	163 367 640C 650
ADR- Transport category (Tunnel restriction code):	

Air (IATA)

IATA- Passenger Aircraft:	353
IATA- Cargo Aircraft:	364
IATA- Label:	3
IATA- Subsidiary hazards:	-
IATA- Erg:	3L
IATA- Special Provisioning:	A3 A72 A192

Sea (IMDG)

IMDG- Stowage Code:	Category B
IMDG- Stowage Note:	-
IMDG- Subsidiary hazards:	-
IMDG- Special Provisioning:	163 367
IMDG- Page:	N/A
IMDG- Label:	N/A
IMDG- EMS:	F-E, S-E
IMDG- MFAH:	N/A

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

N.A.

15. REGULATORY INFORMATION

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Directive 2010/75/EU

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) 2015/830

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 3, 40

Restrictions related to the substances contained: 30 (CAS 70657-70-4), 75

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex1, part 1	Lower-tier threshold (tonnes)	Upper- tier threshold (tonnes)
Product belongs to category: P5c	5000	50000

Regulation (EU) No 649/2012 (PIC regulation)

No substances listed

German Water Hazard Class.

Class 2: hazardous for water.

SVHC Substances:

On the basis of available data, the product does not contain any SVHC in percentage $\geq 0.1\%$.

VOC content limit value (Directive 2004/42/EC)

Cat. B/c: 540 g/l; COV < 540 g/l

The substance "acetone" contained in this product is a regulated explosives precursor, regulated by Regulation (EU) 2019/1148.

All suspicious transactions as well as significant disappearances and thefts should be reported to the relevant national contact point.

The contact data of the national contact points you will find here:

https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf [ec.europa.eu]

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

16. OTRA INFORMACIÓN

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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 through prolonged or repeated exposure if inhaled or swallowed.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

2.6/2	Flam. Liq. 2	Flammable liquid, Category 2
2.6/3	Flam. Liq. 3	Flammable liquid, Category 3
3.1/4/Dermal	Acute Tox. 4	Acute toxicity (dermal), Category 4
3.1/4/Inhal	Acute Tox. 4	Acute toxicity (inhalation), Category 4
3.10/1	Asp. Tox. 1	Aspiration hazard, Category 1
3.2/ 2	Skin Irrit. 2	Skin irritation, Category 2
3.3./ 2	Eye Irrit. 2	Eye irritation, Category 2
3.4.2/1	Skin Sens. 1	Skin Sensitisation, Category 1
3.8/3	STOT SE 3	Specific target organ toxicity — single exposure, Category 3
3.9/2	STOT RE 2	Specific target organ toxicity — repeated exposure, Category 2
4.1/C2	Aquatic Chronic 2	Chronic (long term) aquatic hazard, category 2
4.1/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold Safety data sheets of raw materials suppliers.

CCNL - Appendix 1

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic and Reprotoxic
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DNEL: Derived No Effect Level.
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IC50: half maximal inhibitory concentration
IMDG: International Maritime Code for Dangerous Goods.
KAFH: KAFH
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Lethal Dose Low
LC0: Lethal concentration, for 0 percent of test population.
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
N.D.: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TLV-TWA: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products.