

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 03/05/2018 Revision date: 03/05/2018 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Name : ART & CRAFT BLACKBOARD BLACKPAINT

Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Intended for general public

Use of the substance/mixture : Spraying paint (spray can)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Novasol Spray, S.A.

P.I.: Empalme - C/ Empalme, 27 Llorenç del Penedès - Spain

T +34 977 677 305

novasol@novasolspray.com - www.novasolspray.com

1.4. Emergency telephone number

Emergency number : +34 977 677 305

Office hours: Monday-Friday 8:30 AM-6:00 PM GMT+1

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category H319

2

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :





GHS02 GHS07

Signal word (CLP) : Danger

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H315 - Causes skin irritation. H319 - Causes serious eye irritation.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P280 - Wear protective gloves.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

EUH-statements : EUH208 - Contains Cobalt bis(2-ethylhexanoate), 2-butanone oxime, ethyl methyl ketoxime,

ethyl methyl ketone oxime. May produce an allergic reaction.

Security closing plug for children : Not applicable

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Tactile warning : Not applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
xylene (Note C)	(CAS-No.) 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9 (REACH-no) 01-2119488216-32	20 - 50	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
ethyl acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46	15 - 20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
ethylbenzene	(CAS-No.) 100-41-4 (EC-No.) 202-849-4 (EC Index-No.) 601-023-00-4	3 - 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	(CAS-No.) 108-65-6 (EC-No.) 203-603-9 (EC Index-No.) 607-195-00-7 (REACH-no) 01-2119475791-29	0,1 - 1	Flam. Liq. 3, H226
2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime	(CAS-No.) 96-29-7 (EC-No.) 202-496-6 (EC Index-No.) 616-014-00-0 (REACH-no) 01-2119539477-28	0,1 - 1	Carc. 2, H351 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317
OCTOAT DE ZIRCONI 12%	(CAS-No.) 22464-99-9 (EC-No.) 245-018-1 (REACH-no) 01-2119979088-21	0,1 - 1	Repr. 2, H361d
Cobalt bis(2-ethylhexanoate)	(CAS-No.) 136-52-7 (EC-No.) 205-250-6 (REACH-no) 01-2119524678-29	< 0,1	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-211945011-60	< 0,1	Not classified

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get

medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

Emergency procedures

Hazardous decomposition products in case of

: Toxic fumes may be released.

Advice for firefighters

: Do not attempt to take action without suitable protective equipment. Self-contained breathing Protection during firefighting

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Do not attempt to take action without suitable protective equipment. For further information Protective equipment

refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Wear personal

protective equipment.

Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Hygiene measures

Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-Storage conditions

ventilated place. Keep cool.

Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

Control parameters

xylene (1330-20-7)			
EU	Local name	Xylene, mixed isomers, pure	
EU	IOELV TWA (mg/m³)	221 mg/m³	
EU	IOELV TWA (ppm)	50 ppm	
EU	IOELV STEL (mg/m³)	442 mg/m³	
EU	IOELV STEL (ppm)	100 ppm	
EU	Notes	Skin	
EU Regulatory reference		COMMISSION DIRECTIVE 2000/39/EC	
ethylbenzene (100-41-4)			
EU	Local name	Ethylbenzene	
EU	IOELV TWA (mg/m³)	442 mg/m³	
EU	IOELV TWA (ppm)	100 ppm	
EU	IOELV STEL (mg/m³)	884 mg/m³	
EU	IOELV STEL (ppm)	200 ppm	
EU	Notes	Skin	
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	

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ethyl acetate (141-78-6)		
EU	Local name	Ethyl acetate
EU	IOELV TWA (mg/m³)	734 mg/m³
EU	IOELV TWA (ppm)	200 ppm
EU	IOELV STEL (mg/m³)	1468 mg/m³
EU	IOELV STEL (ppm)	400 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
(34590-94-8)		
EU	Local name	(2-Methoxymethylethoxy)-propanol
EU	IOELV TWA (mg/m³)	308 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	Notes	Skin
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
2-methoxy-1-methylethyl acetate (108-65-6)		
EU	Local name	2-Methoxy-1-methylethylacetate
EU	IOELV TWA (mg/m³)	275 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	550 mg/m³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Butyl rubber gloves (EN 374)

Eye protection:

eye protection (EN166)

Respiratory protection:

If vapour is released: Disposable half mask

Personal protective equipment symbol(s):



Colour



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1.	Information	on basic	physical	and	chemical	properties
Physical	state				: Liqu	id

Odour : No data available Odour threshold : No data available : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : < 0 °C Aerosol jet Flash point : < -60 °C Aerosol jet Auto-ignition temperature : No data available Decomposition temperature : No data available

: Black.

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Flammability (solid, gas) : Extremely flammable aerosol.

Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : No data available
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

Explosive properties : Pressurised container: May burst if heated.

Oxidising properties : No data available Explosive limits : No data available

9.2. Other information

 Not volatile
 : 14,7 wt%

 VOC content
 : 85,3 wt%

 VOC content
 : 610 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

xylene (1330-20-7)	
LD50 oral	3523 mg/kg
LD50 dermal rabbit	12126 mg/kg
LD50 dermal	1100 mg/kg
LC50 inhalation rat (mg/l)	27,124 mg/l/4h
LC50 inhalation rat (Vapours - mg/l/4h)	27,12 mg/l/4h

ethylbenzene (100-41-4)		
LD50 oral	3500	
LC50 inhalation rat (mg/l)	17,2	
- 411 4-4- (4.44 70.0)		

ethyl acetate (141-78-6)	
LD50 oral rat	4100 mg/kg
LD50 dermal rabbit	20000 mg/kg
LD50 dermal	>
LC50 inhalation rat (mg/l)	> 44 g/m³
LC50 inhalation rat (Vapours - mg/l/4h)	22,5 mg/l/4h

OCTOAT DE ZIRCONI 12% (22464-99-9)		
LD50 dermal	15,5	
LC50 inhalation rat (mg/l)	5	

2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)				
	LD50 oral	2100		

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ccording to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830			
2-butanone oxime, ethyl methyl ketoxime, eth	nyl methyl ketone oxime (96-29-7)		
LD50 dermal	11000		
LC50 inhalation rat (mg/l)	> 4,8		
2-methoxy-1-methylethyl acetate (108-65-6)			
LD50 oral rat	8532 mg/kg		
LD50 oral	>		
LD50 dermal rat	5100		
LD50 dermal	>		
LC50 inhalation rat (mg/l)	> 10,8		
LC50 inhalation rat (Vapours - mg/l/4h)	30 mg/l/4h		
Skin corrosion/irritation	: Causes skin irritation.		
Serious eye damage/irritation	: Causes serious eye irritation.		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
xylene (1330-20-7)			
NOAEL (oral, rat)	250 mg/kg bodyweight		

	Aspiration hazard	Not classified
ART & CRAFT BLACKBOARD BLACKPAINT		
	Vaporizer	Aerosol

SECTION 12: Ecological information

12.1	Tox	icity

STOT-repeated exposure

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

: Not classified

Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified

xylene (1330-20-7)		
EC50 other aquatic organisms 1	> 3,4 mg/l	
2-methoxy-1-methylethyl acetate (108-65-6)		
LC50 96h fish (1)	161 mg/l	
EC50 Daphnia 1	481 mg/l	

Persistence and degradability 12.2.

No additional information available

12.3. **Bioaccumulative potential**

2-methoxy-1-methylethyl acetate (108-65-6)		
BCF fish 1	1	
Log Pow	0,43	

12.4. Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA		
14.1. UN number				
1950	1950	1950		
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable		
Transport document description	Transport document description			
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1		
14.3. Transport hazard class(es)				
2.1	2.1	2.1		
2	2	2		
14.4. Packing group				
Not applicable	Not applicable	Not applicable		
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No		
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages : V14

(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

Special provisions for carriage - Operation

(ADR)

Tunnel restriction code (ADR) : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

: CV9, CV12

: S2

Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

- Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

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ERG code (IATA) : 10L

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	xylene - ethylbenzene - ethyl acetate - 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	ART & CRAFT BLACKBOARD BLACKPAINT - xylene - ethylbenzene - ethyl acetate
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	ART & CRAFT BLACKBOARD BLACKPAINT - xylene - ethylbenzene - ethyl acetate - 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	xylene - ethylbenzene - ethyl acetate

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 85,3 wt%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1		
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3		
Asp. Tox. 1	Aspiration hazard, Category 1		
Carc. 2	Carcinogenicity, Category 2		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Liq. 2	Flammable liquids, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
Repr. 2	Reproductive toxicity, Category 2		
Repr. 2	Reproductive toxicity, Category 2		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		
Skin Sens. 1A	Skin sensitisation, category 1A		
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2		
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis		

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H222	Extremely flammable aerosol.		
H225	Highly flammable liquid and vapour.		
H226	Flammable liquid and vapour.		
H229	Pressurised container: May burst if heated.		
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.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H332	Harmful if inhaled.		
H336	May cause drowsiness or dizziness.		
H351	Suspected of causing cancer.		
H361	Suspected of damaging fertility or the unborn child.		
H361d	Suspected of damaging the unborn child.		
H373	May cause damage to organs through prolonged or repeated exposure.		
H400	Very toxic to aquatic life.		
H412	Harmful to aquatic life with long lasting effects.		
EUH208	Contains Cobalt bis(2-ethylhexanoate), 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime. May produce an allergic reaction.		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Aerosol 1	H222;H229	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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