

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **2K ACRYLIC PAINT SR**

Article number: B357

UFI: VMF0-90KV-Y00S-9ETN

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

No further relevant information available.

Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

Environmental release category ERC2 Formulation into mixture

Article category AC1 Vehicles

Application of the substance / the mixture

Coating compound/ Surface coating/ paint

Surface protection

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

1.4 Emergency telephone number:

Regional Medicines and Poisons Information Centre NI

Pharmacy Department, Royal Hospital Suite

Grosvenor Road Belfast

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 80 30

Emergency telephone: 844 892 0111

E-mail address: nirdic.nirdic@belfasttrust.hscni.net

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

Trade name: 2K ACRYLIC PAINT SR**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02 GHS07

Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

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.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

Results of PBT and vPvB assessment

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation: Mixtures**

Description: Mixture of hazardous substances listed below with nonhazardous additions.

Dangerous components:

CAS: 8050-15-5	Methyl ester of rosin (partially hydrogenated)	30-<35%
EINECS: 232-476-2	Aquatic Chronic 3, H412	
CAS: 1330-20-7	xylene	≥25-<30%
Index number: 601-022-00-9	Flam. Liq. 3, H226	
	Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	

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Trade name: 2K ACRYLIC PAINT SR

CAS: 13463-67-7	titanium dioxide	20-<25%
EINECS: 236-675-5	☠ Carc. 2, H351	
Index number: 022-006-00-2	Note: V, W, 10	
CAS: 100-41-4	ethylbenzene	≥5-<10%
EINECS: 202-849-4	☠ Flam. Liq. 2, H225	
Index number: 601-023-00-4	☠ STOT RE 2, H373; Asp. Tox. 1, H304	
RTECS: DA 0700000	☠ Acute Tox. 4, H332	
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	1-<5%
EINECS: 203-603-9	☠ Flam. Liq. 3, H226	
Index number: 607-195-00-7		
Reg.nr.: 01-2119475791-29-0001		
01-2119475791-29		
CAS: 112-07-2	2-butoxyethyl acetate	1-<5%
EINECS: 203-933-3	☠ Acute Tox. 4, H312; Acute Tox. 4, H332	
Index number: 607-038-00-2		
RTECS: KJ 8925000		
Reg.nr.: 01-2119475112-47-0002		

· Additional information: For the wording of the listed hazard phrases refer to section 16.

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

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture No further relevant information available.**5.3 Advice for firefighters**

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

5.6 Fire and explosion Hazards**Speial protective equipment and fire fighting procedures:**

- Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.
- Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

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Trade name: 2K ACRYLIC PAINT SR**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace:

1330-20-7 xylene

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm
Long-term value: 441 mg/m³, 100 ppm
Sk

108-65-6 2-methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m³, 100 ppm
Long-term value: 274 mg/m³, 50 ppm
Sk

112-07-2 2-butoxyethyl acetate

WEL Short-term value: 332 mg/m³, 50 ppm
Long-term value: 133 mg/m³, 20 ppm
Sk

Regulatory information WEL: EH40/2020

Ingredients with biological limit values:

1330-20-7 xylene

BMGV 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

Additional information: The lists valid during the making were used as basis.

Trade name: 2K ACRYLIC PAINT SR**8.2 Exposure controls**

- Personal protective equipment:
- General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
- Respiratory protection: Not required.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

- For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.

- For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Rubber gloves

- Eye protection:



Tightly sealed goggles

- Body protection: Protective work clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

· General Information

· Appearance:

Form: Fluid
Colour: According to product specification

· Odour: Characteristic

· Odour threshold: Not determined.

· pH-value: Mixture is non-soluble (in water).

· Change in condition

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: 136.1 °C (100-41-4 ethylbenzene)

· Flash point: 23 - 60 °C

· Flammability: Flammable.

Trade name: 2K ACRYLIC PAINT SR

· Autoignition temperature:	430 °C
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Explosion limits:	
Lower:	1.1 Vol %
Upper:	7 Vol %
· Vapour pressure at 20 °C:	6.7 hPa
· Density at 20 °C:	1.215 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	0 mm ² /s
· Solvent content:	
Organic solvents:	41.7 %
VOC (EC)	506.6-506.9 g/l
Solids content (volume):	25.3 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 6,296-6,298 mg/kg (rabbit)
Inhalative LC50/4 h 29.3 mg/l

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)
Dermal LD50 2,000 mg/kg (rabbit)
Inhalative LC50/4 h 11 mg/l (ATE)

13463-67-7 titanium dioxide

Oral LD50 >20,000 mg/kg (rat)

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Dermal LD50 >10,000 mg/kg (rabbit)

Inhalative LC50/4 h >6.82 mg/l (rat)

100-41-4 ethylbenzene

Oral LD50 3,500 mg/kg (rat)

Dermal LD50 17,800 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 8,532 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

112-07-2 2-butoxyethyl acetate

Oral LD50 2,400 mg/kg (rat)

Dermal LD50 1,580 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

- Primary irritant effect:
- Skin corrosion/irritation
Causes skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Additional toxicological information:
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity:
This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea
- **12.2 Persistence and degradability**
This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Ecotoxicological effects:
- Remark: Harmful to fish
- Additional ecological information:
- General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).
- vPvB: Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

Trade name: 2K ACRYLIC PAINT SR**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- European waste catalogue

- HP3 Flammable
- HP4 Irritant - skin irritation and eye damage
- HP6 Acute Toxicity
- HP7 Carcinogenic
- HP14 Ecotoxic
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information**14.1 UN-Number**

· ADR, IMDG, IATA UN1263

14.2 UN proper shipping name

· ADR UN1263 PAINT
· IMDG, IATA PAINT

14.3 Transport hazard class(es)

· ADR



· Class 3 (F1) Flammable liquids.
· Label 3
· IMDG, IATA



· Class 3 Flammable liquids.
· Label 3

14.4 Packing group

· ADR, IMDG, IATA III

14.5 Environmental hazards:

· Marine pollutant: No

14.6 Special precautions for user

Warning: Flammable liquids.

· Hazard identification number (Kemler code): 30

· EMS Number: F-E,S-E

· Stowage Category A

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

Not applicable.

· Transport/Additional information:

· ADR

· Limited quantities (LQ) 5L

· Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

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Trade name: 2K ACRYLIC PAINT SR

· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

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

None of the ingredients is listed.

· Poisons Act

· Regulated explosives precursors

7664-38-2 phosphoric acid: 30%

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

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

The product is classified and labelled according to the GB CLP regulation.

· Hazard pictograms



GHS02 GHS07

· Signal word Warning

· Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

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.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

· Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

Trade name: 2K ACRYLIC PAINT SR

- REGULATION (EU) 2019/1148
- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.
- Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.
- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
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.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
 - Classification according to Regulation (EC) No 1272/2008
- | | |
|---|---|
| Flammable liquids
Skin corrosion/irritation
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard | Bridging principles
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. |
|---|---|
- Department issuing SDS: Department of Quality Control
 - Contact:
HB BODY S.A
Regulatory Officer
Ms Athina Kapourani
Ph: +30 2310 790000
email: a.kapourani@hbbody.com
 - * Data compared to the previous version altered.

Trade name: 2K ACRYLIC PAINT SR**Annex: Exposure scenario****Short title of the exposure scenario****Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers**Process category**

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

Article category AC1 Vehicles**Environmental release category ERC2** Formulation into mixture**Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

Conditions of use According to directions for use.**Duration and frequency** Frequency of use:**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

Physical state Fluid**Concentration of the substance in the mixture** The substance is main component.**Used amount per time or activity** Smaller than 100 g per application.**Other operational conditions****Other operational conditions affecting environmental exposure**

No special measures required.

Use only on hard ground.

Other operational conditions affecting worker exposure

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with eyes.

Other operational conditions affecting consumer exposure No special measures required.**Other operational conditions affecting consumer exposure during the use of the product**

Not applicable.

Risk management measures**Worker protection****Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Technical protective measures

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

Use product only in enclosed systems.

Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Not required.

Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

Avoid contact with the eyes.

Tightly sealed goggles

Measures for consumer protection

Ensure adequate labelling.

Trade name: 2K ACRYLIC PAINT SR

Observe consumer information and advice on safe use.

· **Environmental protection measures**

· **Water**

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

Do not allow to reach sewage system.

· **Soil**

The product is only processed over the concrete collecting basin.

Prevent contamination of soil.

· **Disposal measures** Ensure that waste is collected and contained.

· **Disposal procedures**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Waste type** Partially emptied and uncleaned packaging

· **Exposure estimation**

· **Consumer**

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

· **Guidance for downstream users**

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.