

1 Identification of the substance or mixture and of the supplier**Other means of identification**Trade name: **2K ACRYLIC PAINT SR**

Article number: W00145

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

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:

Wyatt Machine Tools (Rupes) NZ Limited

Address: 388 Church Street, Penrose, Auckland

Ph (09) 525 1000; Fax (09) 525 1009

Emergency telephone number: NZ Emergency 0800 992 881 (0800WYATT1)

Emergency telephone number:

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

2 Hazards identification**Classification of the substance or mixture**

GHS02 flame

Flammable liquids Category 3

H226 Flammable liquid and vapour.



GHS08 health hazard

Trade name: 2K ACRYLIC PAINT SR

Carcinogenicity – Category 2

H351 Suspected of causing cancer. Route of exposure:
Inhalation.

Specific target organ toxicity - repeated exposure Category 2
H373 May cause damage to the hearing organs through
prolonged or repeated exposure.



GHS07

Skin irritation Category 2

H315 Causes skin irritation.

Hazardous to the aquatic environment chronic Category 3
H412 Harmful to aquatic life with long lasting effects.

Additional information:

3.1B Flammable liquid

3.1C Flammable liquid

6.9B Substances that are harmful to human target organs or systems

6.3A Substances that are irritating to the skin

9.1C Substances that are harmful in the aquatic environment

Label elements

- GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).
- Hazard pictograms



GHS02



GHS07



GHS08

- Signal word Warning
- Hazard-determining components of labelling:
 - titanium dioxide
 - ethylbenzene
- Hazard statements
 - H226 Flammable liquid and vapour.
 - H315 Causes skin irritation.
 - H351 Suspected of causing cancer. Route of exposure: Inhalation.
 - H373 May cause damage to the hearing organs through prolonged or repeated exposure.
 - 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.
 - P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
 - P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - P405 Store locked up.
 - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

3 Composition/Information on ingredients

- **Chemical characterisation: Mixtures**
- Description: Mixture of hazardous substances listed below with nonhazardous additions.

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Trade name: 2K ACRYLIC PAINT SR**Dangerous components:**

CAS: 8050-15-5	Methyl ester of rosin (partially hydrogenated)	30-<35%
EINECS: 232-476-2	Hazardous to the aquatic environment chronic Category 3, H412	
CAS: 1330-20-7	xylene	≥25-<30%
Index number: 601-022-00-9	 Flammable liquids Category 3, H226  Acute dermal toxicity Category 4, H312; Acute inhalation toxicity Category 4, H332; Skin irritation Category 2, H315	
CAS: 13463-67-7	titanium dioxide	20-<25%
EINECS: 236-675-5	 Carcinogenicity – Category 2, H351	
Index number: 022-006-00-2		
CAS: 100-41-4	ethylbenzene	≥5-<10%
EINECS: 202-849-4	 Flammable liquids Category 2, H225	
Index number: 601-023-00-4	 Specific target organ toxicity - repeated exposure Category 2, H373;	
RTECS: DA 0700000	Aspiration hazard Category 1, H304	
	 Acute inhalation toxicity Category 4, H332	
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	1-<5%
EINECS: 203-603-9	 Flammable liquids Category 3, H226	
Index number: 607-195-00-7		
CAS: 112-07-2	2-butoxyethyl acetate	1-<5%
EINECS: 203-933-3	 Acute dermal toxicity Category 4, H312; Acute inhalation toxicity Category 4, H332	
Index number: 607-038-00-2		
RTECS: KJ 8925000	Flammable liquids Category 4, H227	

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

4 First aid measures**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.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire fighting measures**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

Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

Advice for firefighters

- Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products
- Speial protective equipment and fire fighting procedures: Mouth respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.
HAZ CHEM CODE: 3YE

Trade name: 2K ACRYLIC PAINT SR**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

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.

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.

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.

7 Handling and storage**Handling:****Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

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.

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

8 Exposure controls/personal protection**Control parameters****Ingredients with limit values that require monitoring at the workplace:****1330-20-7 xylene**

WES (New Zealand) Long-term value: 217 mg/m³, 50 ppm
oto, bio

IOELV (EU) Short-term value: 442 mg/m³, 100 ppm
Long-term value: 221 mg/m³, 50 ppm
Skin

100-41-4 ethylbenzene

WES (New Zealand) Short-term value: 176 mg/m³, 40 ppm
Long-term value: 88 mg/m³, 20 ppm
skin, oto

IOELV (EU) Short-term value: 884 mg/m³, 200 ppm
Long-term value: 442 mg/m³, 100 ppm
Skin

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

IOELV (EU) Short-term value: 550 mg/m³, 100 ppm
Long-term value: 275 mg/m³, 50 ppm
Skin

Trade name: 2K ACRYLIC PAINT SR**112-07-2 2-butoxyethyl acetate**

IOELV (EU) Short-term value: 333 mg/m³, 50 ppm
Long-term value: 133 mg/m³, 20 ppm
Skin

· **Regulatory information**

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices

IOELV (EU): (EU) 2019/1831

· **DNELs****ATE (Acute Toxicity Estimates)**

Inhalative DNELs 29.3 mg/m³

1330-20-7 xylene

Inhalative DNELs 11 mg/m³ (ATE)

100-41-4 ethylbenzene

Inhalative DNELs 11 mg/m³ (ATE)

112-07-2 2-butoxyethyl acetate

Inhalative DNELs 11 mg/m³ (ATE)

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

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **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

Trade name: 2K ACRYLIC PAINT SR

- Body protection: Protective work clothing

9 Physical and chemical properties

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

Flash point:

23 - 60 °C

Flammability

Flammable.

Autoignition temperature:

429.85-432 °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

Vapour pressure:

Density at 20 °C:

0.9-1.2 g/cm³

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 mm²/s

Solvent content:

Organic solvents:

41.7 %

VOC (EC)

375.3-500.7 g/l

Solids content (volume):

36-58 %

Other information

Particle characteristics

Not applicable.

Physical state

Liquid

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

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Trade name: 2K ACRYLIC PAINT SR

· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information**· Information on toxicological effects**

- Acute toxicity
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 6,296-6,298 mg/kg (rabbit)

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

13463-67-7 titanium dioxide

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

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)

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)

- Primary irritant effect:
- Skin corrosion/irritation Irritant to skin and mucous membranes.
- Serious eye damage/irritation No irritating effect.
- Respiratory or skin sensitisation Sensitising effect through inhalation is possible by prolonged exposure.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Carcinogenicity – Category 2

12 Ecological information**· 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

· 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

· Behaviour in environmental systems:

- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.

· Ecotoxicological effects:

- Remark: Harmful to fish

Trade name: 2K ACRYLIC PAINT SR

· **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

· **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.

· **Other adverse effects** No further relevant information available.

* **13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation**

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

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· NZS, IMDG, IATA UN1263

· **UN proper shipping name**

· NZS UN1263 PAINT
· IMDG, IATA PAINT

· **Transport hazard class(es)**

· NZS



· Class 3 (F1) Flammable liquids.

· Label 3

· IMDG, IATA



· Class 3 Flammable liquids.

· Label 3

· **Packing group**

· NZS, IMDG, IATA III

· **Environmental hazards:**

· Marine pollutant: No

· **Special precautions for user** Warning: Flammable liquids.

· Hazard identification number (Kemler code): 30

· EMS Number: F-E, S-E

· Stowage Category A

· **Transport in bulk according to Annex II of**

Marpol and the IBC Code Not applicable.

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Trade name: 2K ACRYLIC PAINT SR

Transport/Additional information:

· NZS	5L
· Limited quantities (LQ)	Code: E1
· Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· 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
· IATA	
· Remarks:	HAZ CHEM CODE: 3YE
· <u>UN "Model Regulation":</u>	UN 1263 PAINT, 3, III

15 Regulatory information

•3Y

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

None of the ingredients is listed.

New Zealand Inventory of Chemicals

- 8050-15-5 Methyl ester of rosin (partially hydrogenated)
- 1330-20-7 xylene
- 13463-67-7 titanium dioxide
- 100-41-4 ethylbenzene
- 108-65-6 2-methoxy-1-methylethyl acetate
- 112-07-2 2-butoxyethyl acetate
- 125229-74-5 Copolymer of vinyl alcohol and vinyl acetate partially acetylated with 4-(2-(4-formylphenyl)ethenyl)-1-methyl-pyridinium methylsulfate
- 1302-78-9 bentonite
- 123-86-4 n-butyl ester
- 64742-95-6 Solvent naphtha (petroleum), light arom.
- 122-99-6 2-phenoxyethanol
- 20344-49-4 iron hydroxide oxide
- 7664-38-2 phosphoric acid
- 78-83-1 butanol
- 123-42-2 4-hydroxy-4-methylpentan-2-one
- 112945-52-5 Silica dioxide
- 872-50-4 1-methyl-2-pyrrolidone
- 7447-41-8 lithium chloride

HSNO Approval numbers

- HSNO Approval number HSR 002662
- Group standard name Surface Coatings and Colourants (Flammable) Group Standard 2006
- HSNO Hazard classification Refer to section 2
- 1330-20-7 xylene: HSR000983
- 100-41-4 ethylbenzene: HSR001151
- 112-07-2 2-butoxyethyl acetate: HSR001155

GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

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Trade name: 2K ACRYLIC PAINT SR

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Warning

· Hazard-determining components of labelling:

titanium dioxide
ethylbenzene

· Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H373 May cause damage to the hearing organs through prolonged or repeated exposure.
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.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P405 Store locked up.
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

· **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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.

· Reasons for alterations

· Relevant phrases

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H227 Combustible liquid.
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.

· **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

Trade name: 2K ACRYLIC PAINT SR

- * Data compared to the previous version altered.

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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.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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

Trade name: 2K ACRYLIC PAINT SR· **Measures for consumer protection**

Ensure adequate labelling.

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.