

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 24/01/2024 Revision date: 20/11/2023 Supersedes version of: 23/12/2019 Version: 1.1

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

1.1. Product identifier

Product name	:	ACRYLIC HITEMP PAINT
UFI	:	PDEY-J8A1-F000-JXN9
Product code	:	BDS002456AE
Vaporizer	:	Aerosol

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

1.2.1. Relevant identified uses

Main use category Use of the substance/mixture : Professional use : Paints

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

CRC Industries Europe B.V. Touwslagerstraat 1 9240 Zele Belgium T +32(0)52/45.60.11, F +32(0)52/45.00.34 hse@crcind.com, www.crcind.com

1.4. Emergency telephone number

Emergency number

: +32(0)52/45.60.11 Office hours: 9-17h CET

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Militaire Reine Astrid	Rue Bruyn 1 1120 Brussels	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)

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 2	H319
Specific target organ toxicity – Single exposure, Category 3,	H336
Narcosis	
Hazardous to the aquatic environment – Chronic Hazard,	H411
Category 2	
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2	2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS07 GHS09
Signal word (CLP)	: Danger
Contains	: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; acetone; propan-2- one; propanone; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C9, aromatics; butan-1-ol; n-butanol
Hazard statements (CLP)	: H222 - Extremely flammable aerosol.
	H229 - Pressurised container: May burst if heated.
	H315 - Causes skin irritation.
	H319 - Causes serious eye irritation.
	H336 - May cause drowsiness or dizziness.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: 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.
	P261 - Avoid breathing vapours/spray.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P314 - Get medical advice/attention if you feel unwell.
	P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
	P501 - Dispose of contents/container to a hazardous or special waste collection point, in
	accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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]
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	EC-No.: 921-024-6 REACH-no: 01-2119475514- 35	20 - <25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
propane substance with national workplace exposure limit(s) (BE)	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944- 21	20 - <25	Flam. Gas 1, H220 Press. Gas (Liq.), H280

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
butane substance with national workplace exposure limit(s) (BE)	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691- 32	12,5 - <20	Flam. Gas 1, H220 Press. Gas (Liq.), H280
acetone; propan-2-one; propanone substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330- 49	5 - <10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066
isobutane substance with national workplace exposure limit(s) (BE)	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-00-0 REACH-no: 01-2119485395- 27	5 - <10	Flam. Gas 1, H220 Press. Gas (Liq.), H280
Hydrocarbons, C9, aromatics	CAS-No.: 128601-23-0 EC-No.: 918-668-5 REACH-no: 01-2119455851- 35	5 - <10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
reaction mass of ethylbenzene and xylene substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit	EC-No.: 905-588-0 REACH-no: 01-2119488216- 32	5 - <10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1,5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
aluminium powder (stabilised) substance with national workplace exposure limit(s) (BE) (Note T)	CAS-No.: 7429-90-5 EC-No.: 231-072-3 EC Index-No.: 013-002-00-1 REACH-no: 01-2119529243- 45	5 - <10	Flam. Sol. 1, H228
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EC-No.: 919-857-5 REACH-no: 01-2119463258- 33	< 2,5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066
butan-1-ol; n-butanol substance with national workplace exposure limit(s) (BE)	CAS-No.: 71-36-3 EC-No.: 200-751-6 EC Index-No.: 603-004-00-6 REACH-no: 01-2119484630- 38	< 2,5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336

Note T:

This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H- and EUH-statements: see section 16

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If signs/symptoms develop, get medical attention.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Seek medical attention if irritation develops.
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. Seek medical attention if irritation develops.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after eye contact	 May cause drowsiness or dizziness. Irritation. Repeated exposure may cause skin dryness or cracking. Eye irritation.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.
5.2. Special hazards arising from the subs	tance or mixture
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	 Extremely flammable aerosol. Pressurised container: May burst if heated. During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Firefighting instructions	: Move containers from fire area if it can be done without personal risk. Use standard firefighting procedures and consider the hazards of other involved materials.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Protective equipment	: Wear appropriate protective equipment and clothing during clean-up.	
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Evacuate unnecessary personnel. Ventilate area.	
6.2. Environmental precautions		

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

For containment

: Collect spillage.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Methods for cleaning up	: Mechanically recover the product. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Following product recovery, flush area with water. Take up small spills with dry chemical absorbent. Clean surface thoroughly to remove residual contamination.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: 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. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid prolonged exposure. Handle in accordance with good industrial hygiene and safety procedures.	
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep container closed when not in use.	

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

propane (74-98-6)		
Belgium - Occupational Exposure Limits		
Local name	Hydrocarbures aliphatiques sous forme gazeuse: (Alcanes C1-C3) # Alifatische koolwaterstoffen in gas-vorm: Alkanen (C1-C3)	
OEL TWA	1000 ppm	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	
acetone; propan-2-one; propanone (67-64-1)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Acetone	
IOEL TWA	1210 mg/m ³	
	500 ppm	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Belgium - Occupational Exposure Limits		
Local name	Acétone # Aceton	
OEL TWA	594 mg/m³	
	246 ppm	

Safety Data Sheet

acetone; propan-2-one; propanone (67-64-1)		
OEL STEL	1187 mg/m³	
	492 ppm	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	
butane (106-97-8)		
Belgium - Occupational Exposure Limits		
	Butane, tous isomères: n-butane # Butaan, alle isomeren: n-butaan	
OEL STEL	2370 mg/m ³	
	980 ppm	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	
isobutane (75-28-5)		
Belgium - Occupational Exposure Limits	Defense to a la batan "Determally income includer	
Local name	Butane, tous isomères: iso-butane # Butaan, alle isomeren: iso-butaan	
OEL STEL	2370 mg/m³	
	980 ppm	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	
reaction mass of ethylbenzene and xylene		
EU - Indicative Occupational Exposure Limit (IOEL	.)	
Local name	Xylene, mixed isomers, pure	
IOEL TWA	221 mg/m ³	
	50 ppm	
IOEL STEL	442 mg/m ³	
	100 ppm	
Remark	Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Belgium - Occupational Exposure Limits		
Local name	Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver	
OEL TWA	221 mg/m ³	
	50 ppm	
OEL STEL	442 mg/m ³	
	100 ppm	
Remark	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	
butan-1-ol; n-butanol (71-36-3)		
Belgium - Occupational Exposure Limits		
Local name	Alcool n-butylique # n-Butanol	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

butan-1-ol; n-butanol (71-36-3)	
OEL TWA	62 mg/m³
	20 ppm
Remark	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
aluminium powder (stabilised) (7429-90-5)	
Belgium - Occupational Exposure Limits	
Local name	Aluminium # Aluminium
OEL TWA	2 mg/m³ (composés alkylés) (en Al) # Aluminiumalkylen (als Al) 1 mg/m³ (métal et composés insolubles, fraction alvéolaire) # (metaal en onoplosbare verbindingen, inadembare fractie)
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
8.1.2. Recommended monitoring procedures No additional information available 8.1.3. Air contaminants formed	

No additional information available

8.1.4. DNEL and PNEC

Hydrocarbons, C6-C7, n-alkanes, isoalkanes,	cyclics, <5% n-hexane
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	773 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2035 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	699 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	608 mg/m ³
Long-term - systemic effects, dermal	699 mg/kg bodyweight/day
acetone; propan-2-one; propanone (67-64-1)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	2420 mg/m³
Long-term - systemic effects, dermal	186 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1210 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	62 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	200 mg/m ³
Long-term - systemic effects, dermal	62 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	10,6 mg/l
PNEC aqua (marine water)	1,06 mg/l

Safety Data Sheet

acetone; propan-2-one; propanone (67-64-	acetone; propan-2-one; propanone (67-64-1)	
PNEC aqua (intermittent, freshwater)	21 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	30,4 mg/kg dwt	
PNEC sediment (marine water)	3,04 mg/kg dwt	
PNEC (Soil)		
PNEC soil	29,5 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	100 mg/l	
Hydrocarbons, C9-C11, n-alkanes, isoalkar	nes, cyclics, < 2% aromatics	
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	208 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	871 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	125 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	185 mg/m³	
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day	
Hydrocarbons, C9, aromatics (128601-23-0)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	25 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	150 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	11 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	32 mg/m ³	
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day	
reaction mass of ethylbenzene and xylene		
DNEL/DMEL (Workers)		
Acute - systemic effects, inhalation	442 mg/m ³	
Acute - local effects, inhalation	442 mg/m ³	
Long-term - systemic effects, dermal	212 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	221 mg/m ³	
Long-term - local effects, inhalation	221 mg/m ³	
DNEL/DMEL (General population)		
Acute - systemic effects, inhalation	260 mg/m ³	
Acute - local effects, inhalation	260 mg/m ³	
Long-term - systemic effects,oral	12,5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	65,3 mg/m³	
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day	
Long-term - local effects, inhalation	65,3 mg/m³	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

reaction mass of ethylbenzene and xylene		
PNEC (Water)		
PNEC aqua (freshwater)	0,327 mg/l	
PNEC aqua (marine water)	0,327 mg/l	
PNEC aqua (intermittent, freshwater)	0,327 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	12,46 mg/kg dwt	
PNEC sediment (marine water)	12,46 mg/kg dwt	
PNEC (Soil)		
PNEC soil	2,31 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	6,58 mg/l	
butan-1-ol; n-butanol (71-36-3)		
DNEL/DMEL (Workers)		
Long-term - local effects, inhalation	310 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	1,5625 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	55,357 mg/m³	
Long-term - systemic effects, dermal	3,125 mg/kg bodyweight/day	
Long-term - local effects, inhalation	155 mg/m³	
PNEC (Water)		
PNEC aqua (freshwater)	0,082 mg/l	
PNEC aqua (marine water)	0,0082 mg/l	
PNEC aqua (intermittent, freshwater)	2,25 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0,324 mg/kg dwt	
PNEC sediment (marine water)	0,0324 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0,0166 mg/kg dwt	
PNEC (STP)	PNEC (STP)	
PNEC sewage treatment plant	2476 mg/l	
315 Control banding		

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Use eye protection according to EN 166. Safety glasses with side shields.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear suitable gloves tested to EN374. The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Butyl-rubber protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Approved organic vapour respirator. Filter type: A - P2

8.2.2.4. Thermal hazards

Thermal hazard protection:

Not expected to present a significant hazard under anticipated conditions of normal use. Wear appropriate thermal protective clothing, when necessary.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Grey.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Extremely flammable aerosol.
Explosive properties	: Pressurised container: May burst if heated.
Lower explosion limit	: 1,5 vol %
Upper explosion limit	: 10,9 vol %
Flash point	: <0°C
Auto-ignition temperature	: 500 °C
Decomposition temperature	: Not available
рН	: Not applicable
Viscosity, kinematic	: Not available
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not applicable
Vapour pressure	: 8300 hPa
Vapour pressure at 50°C	: Not available
Density	: 0,7 g/cm³ at 20 °C
Relative density	: 0,7 at 20 °C
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

9.2. Other information		
9.2.1. Information with regard to phys	ical hazard classes	
% of flammable ingredients	: ≤ 100 %	
9.2.2. Other safety characteristics		
VOC content	: 624,9 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

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on hazard classes as	defined in Regulation (EC) No 1272/2008
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
Hydrocarbons, C6-C7, n-alkanes, isoa	lkanes, cyclics, <5% n-hexane
LD50 oral rat	5841 mg/kg
LD50 dermal rat	2800 – 3100 mg/kg bodyweight
LC50 Inhalation - Rat	> 25,2 mg/l/4h
acetone; propan-2-one; propanone (67	7-64-1)
LD50 oral rat	5800 mg/kg bodyweight
LD50 dermal	> 15688 mg/kg bodyweight
LC50 Inhalation - Rat	76 mg/l/4h
Hydrocarbons, C9-C11, n-alkanes, iso	alkanes, cyclics, < 2% aromatics
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Hydrocarbons, C9, aromatics (128601-23-0)	
LD50 oral rat	3592 mg/kg
LD50 dermal rabbit	> 3160 mg/kg bodyweight

Safety Data Sheet

Hydrocarbons, C9, aromatics (128601-23-0)		
LC50 Inhalation - Rat	> 6,193 mg/l/4h	
reaction mass of ethylbenzene and xylene		
LD50 dermal rabbit	12126 mg/kg bodyweight	
butan-1-ol; n-butanol (71-36-3)		
LD50 oral rat	2292 mg/kg bodyweight	
LD50 dermal rabbit	3430 mg/kg bodyweight	
aluminium powder (stabilised) (7429-90-5)		
LD50 oral rat	> 15900 mg/kg bodyweight	
Skin corrosion/irritation	Causes skin irritation. pH: Not applicable	
Serious eye damage/irritation	Causes serious eye irritation. pH: Not applicable	
	 Not classified (Based on available data, the classification criteria are not met) 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)	
aluminium powder (stabilised) (7429-90-5)		
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight	
STOT-single exposure	Not classified (Based on available data, the classification criteria are not met). May cause drowsiness or dizziness.	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes	s, cyclics, <5% n-hexane	
STOT-single exposure	May cause drowsiness or dizziness.	
acetone; propan-2-one; propanone (67-64-1)		
STOT-single exposure	May cause drowsiness or dizziness.	
Hydrocarbons, C9-C11, n-alkanes, isoalkane	es, cyclics, < 2% aromatics	
STOT-single exposure	May cause drowsiness or dizziness.	
Hydrocarbons, C9, aromatics (128601-23-0)		
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.	
reaction mass of ethylbenzene and xylene		
STOT-single exposure	May cause respiratory irritation.	
butan-1-ol; n-butanol (71-36-3)		
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.	
STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met)	
Hydrocarbons, C9, aromatics (128601-23-0)		
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight	
reaction mass of ethylbenzene and xylene	reaction mass of ethylbenzene and xylene	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
aluminium powder (stabilised) (7429-90-5)		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

aluminium powder (stabilised) (7429-90-5)			
NOAEL (subchronic, oral, animal/female, 90 days)	1087 mg/kg bodyweight		
Aspiration hazard	Not classified (Based on available data, the classification criteria are not met)		
ACRYLIC HITEMP PAINT			
Vaporizer	Aerosol		
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Viscosity, kinematic	0,7 mm²/s		
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Viscosity, kinematic	1,33 mm²/s		
reaction mass of ethylbenzene and xylene	reaction mass of ethylbenzene and xylene		
Viscosity, kinematic	0,76 mm²/s		
butan-1-ol; n-butanol (71-36-3)			
Viscosity, kinematic	3,641 mm²/s		
11.2. Information on other hazards			
11.2.1. Endocrine disrupting properties			
Adverse health effects caused by endocrine disrupting properties	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %		

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term : (acute)	Toxic to aquatic life with long lasting effects. Not classified (Based on available data, the classification criteria are not met) Toxic to aquatic life with long lasting effects.
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
LC50 - Fish [1]	11,4 mg/l
EC50 - Crustacea [1]	3 mg/l
EC50 72h - Algae [1]	10 mg/l
LOEC (chronic)	0,32 mg/l
NOEC (chronic)	0,17 mg/l
NOEC chronic fish	2,04 mg/l
NOEC chronic crustacea	1 mg/l
acetone; propan-2-one; propanone (67-64-1)	
LC50 - Fish [1]	5540 mg/l
EC50 - Other aquatic organisms [1]	12600 mg/l Daphnia magna (Water flea)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

acetone; propan-2-one; propanone (67-64-1)		
LOEC (chronic)	> 79 mg/l	
NOEC (chronic)	≥ 79 mg/l	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes	, cyclics, < 2% aromatics	
LC50 - Fish [1]	> 1000 mg/l	
EC50 - Crustacea [1]	> 1000 mg/l	
EC50 - Other aquatic organisms [1]	> 1000 mg/l	
EC50 72h - Algae [1]	> 1000 mg/l	
Hydrocarbons, C9, aromatics (128601-23-0)		
LC50 - Fish [1]	9,2 mg/l	
EC50 - Crustacea [1]	3,2 mg/l	
EC50 72h - Algae [1]	2,6 – 2,9 mg/l	
reaction mass of ethylbenzene and xylene		
LC50 - Fish [1]	2600 mg/l Oncorhynchus mykiss	
butan-1-ol; n-butanol (71-36-3)		
LC50 - Fish [1]	1376 mg/l Pimephales promelas	
EC50 - Crustacea [1]	1328 mg/l Daphnia magna	
EC50 96h - Algae [1]	225 mg/l Raphidocelis subcapitata	
NOEC (chronic)	4,1 mg/l Daphnia magna (21 d)	
aluminium powder (stabilised) (7429-90-5)		
LC50 - Fish [1]	> 100 mg/l	
EC50 - Other aquatic organisms [2]	> 100 mg/l	
12.2. Persistence and degradability		
ACRYLIC HITEMP PAINT		
Persistence and degradability	Not established. No data is available on the degradability of this product.	
12.3. Bioaccumulative potential		
ACRYLIC HITEMP PAINT		
Partition coefficient n-octanol/water (Log Kow)	Not applicable	
acetone; propan-2-one; propanone (67-64-1)		
Partition coefficient n-octanol/water (Log Pow)	-0,24	
butan-1-ol; n-butanol (71-36-3)		
Partition coefficient n-octanol/water (Log Pow)	1	
12.4. Mobility in soil		

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.5. Results of PBT and vPvB assessment				
ACRYLIC HITEMP PAINT				
Results of PBT assessment	Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII			
12.6. Endocrine disrupting properties				
Adverse effects on the environment caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.			
12.7. Other adverse effects				
Additional information Global warming potential (GWP)	 No other effects known 2 (Fluorinated greenhouse gases - (EC) No 517/2014) 			

SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Waste treatment methods European List of Waste (LoW, EC 2000/532)	 Dispose of contents/container in accordance with licensed collector's sorting instructions. According to the European Waste Catalogue (EWC), Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used. 			

SECTION 14: Transpo				
n accordance with ADR / IMI				
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	number			
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shippin	ig name			
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document descr	ription			
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1 ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard o	class(es)			
2.1	2.1	2.1	2.1	2.1
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	zards			
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the

environment: Yes

environment: Yes

Marine pollutant: Yes

environment: Yes

environment: Yes

environment: Yes

Safety Data Sheet

ADR IM	DG	ΙΑΤΑ	ADN	RID		
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)	: '	11				
Excepted quantities (ADR)	: 6	EO				
Packing instructions (ADR)	: 1	P207, LP200				
Special packing provisions (ADR)	: 6	PP87, RR6, L2				
Mixed packing provisions (ADR)		MP9				
Transport category (ADR)	: 2	2				
Special provisions for carriage - Packages (A		√14				
Special provisions for carriage - Loading, unl						
and handling (ADR)	5	, -				
Special provisions for carriage - Operation (A	ADR) : S	52				
Tunnel restriction code (ADR)	: [
Transport by sea						
Special provisions (IMDG)	- 6	63, 190, 277, 327, 344, 381, 959				
Limited quantities (IMDG)		SP277				
Excepted quantities (IMDG)		E0				
Packing instructions (IMDG)		207, 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)	: 6					
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				
ERG code (IATA)	: '	: 10L				
Inland waterway transport						
Classification code (ADN)	: {	5F				
Special provisions (ADN)		190, 327, 344, 625				
Limited quantities (ADN)	: '					
Excepted quantities (ADN)	: 6					
Equipment required (ADN)		PP, EX, A				
Ventilation (ADN)		VE01, VE04				
Number of blue cones/lights (ADN)	: *					
Rail transport						
Classification code (RID)	: {	5F				
Special provisions (RID)						
		: 190, 327, 344, 625 : 1L				
Limited quantities (RID)						
Excepted quantities (RID)						
Packing instructions (RID)		P207, LP200				
Special packing provisions (RID)		PP87, RR6, L2				
Mixed packing provisions (RID)		MP9				
Transport category (RID)	: 2 י י יחוס					
Special provisions for carriage - Packages (I	עוא (עוא	W14				

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Special provisions for carriage - Loading, unloading	:	CW9, CW12
and handling (RID)		
Colis express (express parcels) (RID)	:	CE2
Hazard identification number (RID)	:	23

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content

: 624,9 g/l

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives en

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 16: Other information

Abbreviations and a	acronyms:
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EU	H-statements:
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
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.
H411	Toxic to aquatic life with long lasting effects.
Press. Gas (Liq.)	Gases under pressure : Liquefied gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

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. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC. The products are governed by Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP); Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (in each case, as amended and replaced) and other applicable laws. It is an importers or downstream users responsibility to ensure compliance of product they import. An SDS provided in the official language(s) of a country is not a guarantee of compliance in that country.