

Safety Data Sheet

Acrylic Paint

Replaces date: 15/03/2023

Revision date: 19/03/2024

Version: 4.0.0

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

1.1. Product identifier

Trade name: Acrylic Paint

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

Recommended uses: Paint

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
E-mail: sales.uk@kramp.com
Phone: +44(0)1767 602 600

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aerosol 1;H222
Aerosol 1;H229
Eye Irrit. 2;H319
STOT SE 3;H336

Most serious harmful effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache.

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2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: ethyl acetate; acetone; n-butyl acetate; 2-methoxy-1-methylethyl acetate;

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
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.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501 Dispose of contents/container in accordance with local regulation.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ UK-REACH Reg. No.	Concentration	Notes	CLP-classification
dimethyl ether	115-10-6 204-065-8	25 - 50 %		Flam. Gas 1A;H220 Press. Gas Comp. gas;H280
ethyl acetate	141-78-6 205-500-4	10 - 25 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 EUH066
acetone	67-64-1 200-662-2	10 - 20 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 EUH066
n-butyl acetate	123-86-4 204-658-1	< 15 %		Flam. Liq. 3;H226 STOT SE 3;H336 EUH066

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2-methoxy-1-methylethyl acetate	108-65-6 203-603-9	< 2.5 %		Flam. Liq. 3;H226 STOT SE 3;H336
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Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Irritating to eyes. Causes a burning sensation and tearing. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Nitrous gases. / Carbon monoxide and carbon dioxide. CAUTION! Aerosol containers may explode.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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For non-emergency personnel: Stay upwind/keep distance from source. Stop leak if this can be done without risk. Keep unnecessary personnel away. Wear gloves. Wear respiratory protective equipment. Wear safety goggles. Provide adequate ventilation. Smoking and naked flames prohibited.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up drops and splashes with a cloth.

6.4. Reference to other sections

See section 13 for instructions on disposal. See section 8 for type of protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry, cool, well-ventilated area. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not store with the following: Alkaline metals/ Strong acids/ Oxidisers.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
ethyl acetate	15m	400				
ethyl acetate	8h	200				
acetone	8h	500	1210			
acetone	15m	1500	3620			
n-butyl acetate	8h	150	724			
n-butyl acetate	15m	200	966			
2-methoxy-1-methylethyl acetate	8h	50	274			Sk
2-methoxy-1-methylethyl acetate	15m	100	548			Sk
dimethyl ether	8h	400	766			
dimethyl ether	15m	500	958			

Sk = Can be absorbed through the skin.

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Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166/16321.

Personal protective equipment, hand protection: Wear gloves. Type of material and thickness: Butyl rubber. 0.7 mm. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Use process ventilation. If this is not possible, use respiratory equipment. Filter type: A/AX. Respiratory protection must conform to one of the following standards: EN 136/140/145. In case of spraying/formation of spraying mists: Filter type: P.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Aerosol
Colour	Multiple colours
Odour	Characteristic
Solubility	Insoluble in the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	-24.9 °C	
Flammability (solid, gas)	No data	
Flammability limits	235 °C	(DIN 51794)
Explosion limits	1.2 - 18.6 vol%	
Flash Point	< 0 °C	DIN 53213
Auto-ignition temperature	No data	
Decomposition temperature:	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	1 s	(DIN 53211/4)
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	5200 hPa	20 °C.
Density	0.815 g/cm ³	20 °C. (DIN 53217)
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	

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Particle characteristics	No data	
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9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Vapours may form explosive mixtures with air.
VOC (Volatile organic compounds):	84,20 %	
Solid substance	15,8 %	

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts under heat generation with the following: Oxidisers/ Alkaline metals/ Strong acids.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Avoid direct sunlight. Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Alkaline metals/ Oxidisers/ Strong acids.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Nitrous gases. / Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral:	Spray mist in mouth may irritate mucous membranes in mouth and throat. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May cause slight irritation. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Irritating to eyes. Causes a burning sensation and tearing.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.

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Single STOT exposure: The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment.

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Category of waste:

EWC code: Depends on line of business and use, for instance 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances / 14 06 03* other solvents and solvent mixtures
EWC code: 15 01 10* packaging containing residues of or contaminated by hazardous substances

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SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name:

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

Hazard identification number:

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Tunnel restriction code: D

Inland water ways transport (ADN)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

Transport in tank vessels:

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Sea transport (IMDG)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

EmS: F-D, S-U

14.4. Packing group:

14.5. Environmental hazards:
Environmental Hazardous Substance Name(s):

The product is not a Marine Pollutant (MP).

IMDG Code segregation group: - None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

14.6. Special precautions for user

None.

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

Special Provisions: Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

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The Control of Major Accident Hazards Regulations 2015, P3a FLAMMABLE AEROSOLS:
Column 2: 150 (net) t, Column 3: 500 (net) t.
Poisons Act 1972.

Covered by:
The Health and Safety (Young Persons) Regulations 1997.

The product is comprised by Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit), Annex XVII (3) concerning restrictions.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
4.0.0	19/03/2024	Bureau Veritas HSE/SUJ	1,3,15,16

Abbreviations:
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

Hazard statements

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure, may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

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