

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

1.1 Product identifier

Product name: Clear Acrylic Lacquer Aerosol

Other identification:

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

Acrylic coating

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Physical and Chemical Hazards: Flam. Aerosol 1 - H222

Human health: EUH066; Eye Irrit. 2 - H319; STOT SE 3 - H336

Environment: Not classified

Full text of Hazard Statements given in Section 16

2.2 Label elements

Hazard pictograms: CLP 07 Exclamation

CLP 02 Flammable

(none)

(none)



Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements: P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing vapour/spray.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Other label elements: Supplementary Precautionary Statements:
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P264 Wash contaminated skin thoroughly after handling.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Supplemental label information:
EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Not Classified as PBT/vPvB by current EU criteria.

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

2-BUTOXYETHANOL 5-10%

CAS-No.: 111-76-2 EC No.: 203-905-0

Classification (EC 1272/2008):

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Acute Tox. 4 - H332

Skin Irrit. 2 - H315

2-METHOXY-1-METHYLETHYL ACETATE 1-5%

CAS-No.: 108-65-6 EC No.: 203-603-9

Classification (EC 1272/2008): Flam. Liq. 3 - H226

ACETONE 30-60%

CAS-No.: 67-64-1 EC No.: 200-662-2

Classification (EC 1272/2008):

Flam. Liq. 2 - H225

EUH066

Eye Irrit. 2 - H319

STOT SE 3 - H336

BUTANE 5-10%

CAS-No.: 106-97-8 EC No.: 203-448-7

Classification (EC 1272/2008): Flam. Gas 1 - H220

ISOBUTANE 1-5%

CAS-No.: 75-28-5 EC No.: 200-857-2

Classification (EC 1272/2008): Flam. Gas 1 - H220

PROPANE 10-30%

CAS-No.: 74-98-6 EC No.: 200-827-9

Classification (EC 1272/2008): Flam. Gas 1 - H220

Full text of Hazard Statements given in Section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

Skin: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General: The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation: In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects.

Ingestion: Due to the physical nature of this material it is unlikely that swallowing will occur.

Skin: Prolonged skin contact may cause redness and irritation.

Eye: Irritating and may cause redness and pain.

4.3 Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

Section 5: Firefighting measures

5.1 Extinguishing media

Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2 Special hazards arising from the substance or mixture

When heated, vapours/gases hazardous to health may be formed. Aerosol cans may explode in a fire. Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3 Advice for firefighters

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Wear full protective clothing.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet. Wear protective gloves. Do not smoke, use open fire or other sources of ignition. Avoid inhalation of vapours and aerosol spray. Avoid contact with skin and eyes.

6.2 Environmental precautions

Not relevant considering the small amounts used.

6.3 Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

6.4 Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2 Conditions for safe storage, including any incompatibilities

Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place. Store in accordance with the advice of insurers and/or relevant authority. Store in a dry, well ventilated, moisture free area.

7.3 Specific end use(s)

Section 8: Exposure controls / personal protection

8.1 Control parameters

2-BUTOXYETHANOL WEL

TWA - 8 Hrs: 25 ppm (Sk)

STEL - 15 Min: 50 ppm (Sk)

2-METHOXY-1-METHYLETHYL ACETATE WEL

TWA - 8 Hrs: 50 ppm (Sk) 274 mg/m³ (Sk)

STEL - 15 Min: 100 ppm (Sk) 548 mg/m³ (Sk)

ACETONE

STEL - 15 Min: 500 ppm 1210 mg/m³

BUTANE WEL

TWA - 8 Hrs: 600 ppm 1450 mg/m³

STEL - 15 Min: 750 ppm 1810 mg/m³

ISOBUTANE WEL

TWA - 8 Hrs: 800 ppm

STEL - 15 Min: 800 ppm

PROPANE

TWA - 8 Hrs: Asphyxiating

STEL - 15 Min: Asphyxiating

WEL = Workplace Exposure Limits

8.2 Exposure controls

Engineering measures: Provide adequate general and local exhaust ventilation.

Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection: Use protective gloves.

Eye protection: Use approved safety goggles or face shield.

Other Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Appearance	Aerosol
Colour	Colourless
Odour	Ketonic. Characteristic of a solvent based paint product
Solubility	Insoluble in water
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	9.0

9.2 Other information

Volatile Organic Compound (VOC): Maximum 839 g/litre

Section 10: Stability and reactivity

10.1 Reactivity

The product may form explosive vapours/air mixtures even at normal room temperatures.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5 Incompatible materials

Strong acids. Strong alkalis. Strong oxidising substances.

10.6 Hazardous decomposition products

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

Section 11: Toxicological information

11.1 Information on toxicological effects

Inhalation: May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Skin contact: Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

Eye contact: Irritating to eyes. May cause chemical eye burns.

Route of entry: Inhalation. Skin and/or eye contact. Ingestion.

Section 12: Ecological information

12.1 Toxicity

Under normal use conditions, this material is unlikely to accumulate in sufficient quantities to present any aquatic toxicity hazard.

12.2 Persistence and degradability

The majority of the constituents are readily degradable.

12.3 Bioaccumulative potential

No data available on bioaccumulation.

12.4 Mobility in soil

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

12.5 Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6 Other adverse effects

Section 13: Disposal considerations

13.1 Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements. Industrial and institutional users should dispose of aerosols through a registered waste disposal company.

Section 14: Transport information

General

14.1 UN Number

UN No. (ADR/RID/ADN/IMDG/ICAO): 1950

14.2 UN proper shipping name

Proper Shipping Name: AEROSOLS

14.3 Transport hazard class(es)

ADR/RID/ADN Class: Class 2: Gases

ADR Label No.: 2.1

IMDG Class: 2.1

ICAO Class/Division: 2.1

14.4 Packing group

Not Applicable

14.5 Environmental hazards

Environmentally Hazardous Substance / Marine Pollutant: No

14.6 Special precautions for user

EMS: F-D, S-U

Tunnel Restriction Code: (D)

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Section 15: Regulatory information

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

15.2 Chemical safety assessment

Section 16: Other information

Hazard Statements In Full:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H222 Extremely flammable aerosol.

H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.