

SAFETY DATA SHEET

AROMATIC FREE ACRYLIC COATING

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

1.1. Product identifier

Product name AROMATIC FREE ACRYLIC COATING
Product number AFA,EAFA05L,ZE

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

Identified uses Appliance protection.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK WENTWORTH LTD
 ASHBY PARK, COALFIELD WAY,
 ASHBY DE LA ZOUCH, LEICESTERSHIRE LE65 1JR
 UNITED KINGDOM
 info@hkw.co.uk
 +44 (0)1530 419600
 +44 (0)1530 416640

1.4. Emergency telephone number

Emergency telephone +44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

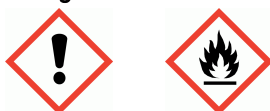
Classification

Physical hazards Flam. Liq. 2 - H225
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20. Xi;R36. F;R11. R66.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves, eye and face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

P102 Keep out of reach of children.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

BUTYL ACETATE -norm, BUTANONE

Supplementary precautionary statements

P261 Avoid breathing vapour/spray.

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

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTYL ACETATE -norm	30-60%
CAS number: 123-86-4	EC number: 204-658-1
	REACH registration number: 01-2119485493-29-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10 R66 R67
STOT SE 3 - H336	

BUTANONE	10-30%
CAS number: 78-93-3	EC number: 201-159-0
	REACH registration number: 01-2119457290-43

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.

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Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Toxic gases or vapours. No unusual fire or explosion hazards noted.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

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7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

BUTYL ACETATE -norm (CAS: 123-86-4)

DNEL	Industry - Inhalation; Long term systemic effects: 480 mg/m ³ Industry - Inhalation; Short term systemic effects: 960 mg/m ³ Consumer - Inhalation; Short term systemic effects: 859.7 mg/m ³ Consumer - Inhalation; Long term systemic effects: 102.34 mg/m ³ Consumer - Inhalation; Long term local effects: 102.34 mg/m ³ Industry - Inhalation; Long term local effects: 480 mg/m ³ Consumer - Inhalation; Short term local effects: 859.7 mg/m ³ Industry - Inhalation; Short term local effects: 960 mg/m ³
PNEC	- Fresh water; 0.18 mg/l - Marine water; 0.018 mg/l - Intermittent release; 0.36 mg/l - STP; 35.6 mg/l - Sediment (Freshwater); 0.981 mg/kg - Sediment (Marinewater); 0.0981 mg/kg - Soil; 0.0903 mg/kg

BUTANONE (CAS: 78-93-3)

DNEL	Industry - Dermal; Long term : 1161 mg/kg/day Industry - Inhalation; Long term : 600 mg/m ³ Consumer - Dermal; : 412 mg/kg/day - Inhalation; : 106 mg/m ³ - Oral; : 31 mg/kg/day
PNEC	- Fresh water; 55.8 mg/l - Marine water; 55.8 mg/l - STP; 709 mg/l - Sediment; 284.7 mg/kg - Soil; 22.5 mg/kg

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

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

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Gas and combination filter cartridges should comply with European Standard EN14387.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Flash point	< 0°C/32°F CC (Closed cup).
Upper/lower flammability or explosive limits	: 1.8
Relative density	0.92 @ 20°C/68°F
Solubility(ies)	
Auto-ignition temperature	410 - 550°C/770 - 1022°F
Viscosity	270 cP @ 20°C/68°F

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No information required. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat. Avoid contact with the following materials: Oxidising agents. Reducing agents.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects There is no evidence that the product can cause cancer.

Inhalation Harmful by inhalation. May cause respiratory system irritation.

Ingestion May cause discomfort if swallowed.

Skin contact Irritating to skin. Product has a defatting effect on skin.

Eye contact Irritating to eyes.

Route of entry Inhalation Skin absorption

Toxicological information on ingredients.

BUTYL ACETATE -norm

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 10,760.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 14,112.0

Species Rabbit

BUTANONE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,193.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

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Species	Rabbit
Inhalation	Vapour may irritate respiratory system/lungs. Vapours may cause drowsiness and dizziness.
Ingestion	May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.
Skin contact	Irritating to skin. Repeated exposure may cause skin dryness or cracking.
Eye contact	Irritating to eyes.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General As supplied, this product is consigned under the Limited Quantities provisions.

14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT

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Proper shipping name (IMDG) PAINT

Proper shipping name (ICAO) PAINT

Proper shipping name (ADN) PAINT

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-E

Emergency Action Code •3YE

Hazard Identification Number (ADR/RID) 33

Tunnel restriction code (D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information required.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

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EU legislation	<p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p>
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Guidance Workplace Exposure Limits EH40.

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Toni Ashford
Revision date	13/11/2015
Revision	5
SDS number	12822
Risk phrases in full	R10 Flammable. R11 Highly flammable. R20 Harmful by inhalation. R22 Harmful if swallowed. R26 Very toxic by inhalation. R34 Causes burns. R36 Irritating to eyes. R43 May cause sensitisation by skin contact. R50 Very toxic to aquatic organisms. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.