

Exocoat Clearview

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Exocoat Clearview
CAS No. Not applicable.

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

Identified Use(s) Coating
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Supplier		
Company Identification	Axcentive SARL	Axcentive Asia Pte Ltd
Address of Supplier	Chemin De Champouse	30 prinsep Street
Postal code	13320 Bouc Bel Air	#06-01, Singapore 188647
	France	Singapore
Telephone:	+33 442 694 090	+65 6354 0545
E-mail	info@axcentive.com	info@axcentive.com

1.4 Emergency telephone number

Emergency Phone No. Global Incident Response Hotline (Access code: 333881)
 Europe: +1 760 476 3962
 Great Britain: +44 20 35147487
 North-America: 1.866.519.4752
 South-America: 1.760.476.3961
 Asia Pacific: +86-4001203572
 Middle East/Africa: 1-760-476-3959
 Australia: +61-280363166
 New Zealand: +64 800 451719

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2: Highly flammable liquid and vapour.
 Skin Corr. 1: Causes severe skin burns and eye damage.
 Acute Tox. 4: Harmful if inhaled.

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
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Hazard Pictogram(s)



GHS02



GHS05

Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapour.
H314: Causes severe skin burns and eye damage.

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H332: Harmful if inhaled.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403+P235: Store in a well-ventilated place. Keep cool.

Unique Formula Identifier (UFI) 9WE0-508X-500K-AKK6

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram (s)
Ethanol	64-17-5	200-578-6	80-95	Flam. Liq. 2 H225	GHS02
Silane 1	-	-	1.0-7.0	Flam. Liq. 3 H226 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT SE 3 H335	GHS02 GHS07
Silane 2	-	-	0.5-5.0	Skin Irrit.1B H314 Eye Dam.1 H318	GHS05
Hydrogen chloride	7647-01-0	231-595-7	0.2-1.5	Press. Gas H280 Skin Corr. 1A H314 Acute Tox.3 H331	GHS04 GHS05 GHS07

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.
 Immediately call a POISON CENTER/doctor if you feel unwell.

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Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns and temporary redness, rash, itching. May cause respiratory irritation, dizziness, and drowsiness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	Use water spray, dry powder or carbon dioxide to extinguish.
Unsuitable extinguishing media	No known unsuitable extinguish media.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spills and associated waste must be disposed of in accordance with applicable environmental regulations. Do not allow the product or any resulting waste to enter drains, soil, surface water, or groundwater. Immediately notify the appropriate authorities in accordance with applicable law if environmental contamination occurs.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, silica gel, universal binder or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

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7.1 Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Store locked up.

Storage temperature: Ambient.
 Storage life: Stable under normal conditions.
 Incompatible materials: See sections 10.5

7.3 Specific end use(s)

Coating

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits					
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Ethanol	64-17-5	1000	1900		
Hydrogen chloride (gas and aerosol mists)	7647-01-0	-	-	5	8

8.2 Exposure controls

8.2.1. Appropriate engineering controls: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN ISO 16321-1:2022; EN 166).



Skin protection

Wear protective long-sleeved clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Wear suitable mask with filter type A (EN14387 or EN405).

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Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not allow the product to enter drains, waterways, or soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
	Colour : Clear. - hazy
Odour	Not known.
Odour threshold	Not known.
pH	< 2.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	0.80g/cm ³
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	25 mPa.s @30C
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Do not smoke.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

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Thermal decomposition can lead to the release of irritating and toxic gases and vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Self classification: Harmful if inhaled.
Skin corrosion/irritation	Calculation method: Causes mild skin irritation.
Serious eye damage/irritation	Self classification: Causes serious eye damage.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment	Not classified.
Compartment	
Toxicity - Terrestrial	Not classified.
Compartment	

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

No component known to be PBT or vPvB

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an

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accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. 2924

14.2 UN proper shipping name

UN proper shipping name FLAMMABLE LIQUID, CORROSIVE, N.O.S.

14.3 Transport hazard class(es)

Class 3

Labels 3 +8



14.4 Packing group

Packing group II

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for

Authorisation

REACH: ANNEX XIV list of substances subject to

authorisation

Community Rolling Action Plan (CoRAP)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic

pollutants

Not listed

Not listed

Not listed

Not listed

Not listed

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Regulation (EC) N° 1005/2009 Not listed
on substances that deplete the
ozone layer

Regulation (EU) N° 649/2012 of Not listed
the European Parliament and of
the Council concerning the export
and import of hazardous
chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS02



GHS05

Hazard classification

Flam. Liq. 2: Flammable liquid, Category 2
Flam. Liq. 3: Flammable liquid, Category 3
Press. Gas: Gas under pressure
Skin Corr. 1A: Skin corrosion/irritation, Category 1A
Skin Corr. 1B: Skin corrosion/irritation, Category 1B
Eye Dam. 1: Serious eye damage/irritation, Category 1
Eye Irrit. 2: Serious eye damage/irritation, Category 2
Acute Tox. 4: Acute toxicity, Category 4
STOT SE 3: Specific target organ toxicity — single exposure,
Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and
other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face
protection.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all
contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove person to fresh air and keep
comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for
several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

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Acronyms	<p>P403+P235: Store in a well-ventilated place. Keep cool.</p> <p>ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>ATE : Acute Toxicity Estimate</p> <p>CAS : Chemical Abstracts Service</p> <p>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</p> <p>DNEL : Derived No Effect Level</p> <p>EC : European Community</p> <p>EINECS : European Inventory of Existing Commercial Chemical Substances</p> <p>IATA : International Air Transport Association</p> <p>IBC : Intermediate Bulk Container</p> <p>ICAO : International Civil Aviation Organization</p> <p>IMDG : International Maritime Dangerous Goods</p> <p>LTEL : Long term exposure limit</p> <p>PBT : Persistent, Bioaccumulative and Toxic</p> <p>PNEC : Predicted No Effect Concentration</p> <p>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals</p> <p>RID : Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>STEL : Short term exposure limit</p> <p>STOT : Specific Target Organ Toxicity</p> <p>UN : United Nations</p> <p>vPvB : very Persistent and very Bioaccumulative</p>
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