

CladRenew Coat

An easy application, one coat, high-build acrylic vinyl coating for external cladding. It has been pigmented with durable, light fast pigments offering excellent durability and colour retention properties with a 10 or 15 year warranty.

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

1.1 Product Identifier

Product Name:	Acrylic CladRenew Coating
Product Number:	-

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Users:	This is a generic SDS for Lead Free Vinyl ready mixed paint. As a surface coating for the marking, protection and/or decoration of substrates when applied by spray, brush, dip or flow-coat methods or variation thereof. For professional use only.
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1.3 Details of the Supplier of the Safety Data Sheet

Supplier:	Alltimes Coatings Limited Unit 17A, Nailsworth Mills Estate, Nailsworth, Gloucestershire, GL6 0BS. UK
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1.4 Emergency Contact Numbers

Telephone:	01455 272 278
Mobile:	07773 329 424

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture Classification (EC 1272/2008)

Physical Hazards:	H226: Flammable Liquid 3
Health Hazards:	H315: Skin Irrit. 2, H317: Skin Sens. 1
Environmental Hazards:	H411: Aquatic Chronic 2
Classification (67/548/EEC or 1999/45/EC):	Xn;R20. Xi;R37. N;R51/53. R10
Human Health:	Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
Environmental:	This product may cause harm to the environment. See Section 12 Ecological Information.
Physicochemical:	See Section 7.2 Storage Class. See Section 5.2 Hazardous combustion products. See Section 10: Stability and Reactivity.

2.2 Label Elements

Pictogram:	
Signal Word:	Warning
Hazard Statements:	H226 Flammable liquid and vapour H315 Causes skin irritation H312 +332 Harmful in contact with skin and by inhalation H412 Harmful to aquatic life with long lasting effects
Precautionary Statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P261 Avoid breathing vapour/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/shower P333+P313 If skin irritation or rash occurs: Get medical advice/attention P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish P403+P235 Store in a well-ventilated place. Keep cool P501 Dispose of contents/container in accordance with national regulations
Supplementary Label Statements:	EUH205 Contains epoxy constituents. May produce an allergic reaction
Supplementary Precautionary Statements:	P233 Keep container tightly closed P240 Ground/bond container and receiving equipment P241 Use explosion-proof electrical equipment P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P264 Wash contaminated skin thoroughly after handling P272 Contaminated work clothing should not be allowed out of the workplace P273 Avoid release to the environment P302+P352 IF ON SKIN: Wash with plenty of water P321 Specific treatment (see medical advice on this label) P332+P313 If skin irritation occurs: Get medical advice/attention P362+P364 Take off contaminated clothing and wash it before reuse P391 Collect spillage
Contains:	Xylene, Epoxy Resin (Number average MW <= 700), 1,2,4-Trimethylbenzene Mesitylene

2.3 Other Hazards

Other Hazards:	May form a flammable solvent rich atmosphere during drying in confined or enclosed spaces.
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SECTION 3: Composition/Information on Ingredients

3.1 Mixtures

Substance:	Xylene	Hydrocarbons, C9 Aromatics
	40-60%	2.5-10%
CAS Number:	1330-20-7	64742-95-6
EC Number:	215-535-7	265-199-0
REACH Number:	01-2119488216-32	01-2119455851-35
Classification:	Flam Liq.3;H226. Acute Tox 4;H312. Acute Tox 4;H332. Skin Irrit.2;H315	Flam Liq 3; H226. Asp Tox 1; H304. Aquatic Chronic 2; H411. STOT SE 3; H335+336

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

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General:	If in doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
Inhalation:	Move to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.
Ingestion:	If accidentally swallowed rinse the mouth with plenty of water, only if the person is conscious, and obtain immediate medical attention. Keep at rest. Do not induce vomiting.
Skin Contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser Do not use solvents or thinners.
Eye Contact:	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

General:	Drowsiness and disorientation if inhaled.
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4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

General:	Remove to fresh air and sit down.
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SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media:	Extinguish with alcohol resistant foam, CO ₂ , powders, water spray/mist.
Unsuitable Extinguishing Media:	Do not use a water-jet as an extinguisher

5.2 Special Hazards Arising from the Substance or Mixture

Specific Hazards:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
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5.3 Advice for Firefighters

Protective Actions During Firefighting:	Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.
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SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General	Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 & 8.
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6.2 Environmental Precautions

Environmental Precautions:	Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
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6.3 Methods & Material for Containment and Cleaning

Methods for Cleaning Up:	Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent - avoid solvents.
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6.4 Reference to Other Sections

Reference to Other Sections:	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Usage Precautions:	<p>Prevent creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than occupational exposure limits. Product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically, always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear/clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of dust, particulates and spray mist. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area.</p> <p>When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limit.</p> <p>Materials such as cleaning rags, paper wipers and protective clothing, which are contaminated with the product may spontaneously self ignite some hours later. To avoid risk of fire, all contaminated materials should be stored in purpose built or metal containers with tight fitting self closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.</p> <p>Never use pressure to empty, container is not a pressure vessel. Always keep in containers of same material as the original one. Do not allow to enter drains or water courses. Information on fire and explosion protection: Vapours are heavier than air and may spread along floors.</p> <p>Vapours may form explosive mixtures with air. Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given: Take the pack size volume in litres and multiply this figure by the upper specific gravity value given in Section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.</p>
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7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Precautions:	Store in accordance with HSE guidance. Store away from oxidising agents, from strongly alkaline/acid materials. Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances. Store between 5°C and 25°C in a dry, well ventilated place away from sources of ignition, heat and direct sunlight. Keep container tightly closed. Open containers should be carefully resealed and kept upright to prevent leaks. No smoking.
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7.3 Specific End Use(s)

Specific End Use(s):	For the manual application by brush, spray or roller equipment to suitably prepared surfaces.
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SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters Occupational Exposure Limits

	8 Hours	TWA (1)	STEL (2)		Notes (3)	Monitoring (4)
Xylene (Mixed Isomers):	50 ppm	220 mg/m ³	100 ppm	441 mg/m ³	Sk	Air Sampling & BMGV
Hydrocarbons, C9 Aromatics:	25 ppm	150 mg/m ³			Sup	Air sampling
2-methyl propan-1-ol:	50 ppm	154 mg/m ³	75 ppm	231 mg/m ³		Air sampling

(1) Eight hours Time Weighted Average. (2) Short Term Exposure Limits according to EH40. List of approved workplace exposure limits. (3) Sk: Substance may be absorbed through the skin. Sup: Suppliers data. WEL Workplace Exposure Limit. (4) Monitoring procedure by air sampling unless otherwise given in the raw materials supplier's substance exposure scenario.

8.2 Exposure Controls

Appropriate Engineering Controls:	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.
Environmental Exposure Controls:	Do not allow to enter drains or water courses. See Section 15.
Eye/Face Protection:	Use safety eye wear designed to protect against splash of liquids.
Hand Protection:	No one glove material or combination of materials will give unlimited resistance to any individual or combination of chemicals. For prolonged or repeated handling use PVC, Neoprene or Nitrile. The breakthrough time must be greater than the end use time of the product. Instructions provided by glove manufacturers on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if any sign of damage. Ensure that gloves are free from defects and are stored and used correctly. Performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.
Other Skin & Body Protection:	Personnel should wear anti-static clothing made of natural fibre or high temperature resistant synthetic fibre.
Respiratory Protection:	If exposed to concentrations above the exposure limit use appropriate, certified respirators. Disposable respirators conforming to EN149 'FFP2' and Half Face respirators conforming to EN140, 141 & 143 with 'A-1' and/or 'P-3' filters cannot provide adequate protection in environments where vapour and particulate concentrations are at/above the workplace exposure limits. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Liquid
Colour:	Various colours
Odour:	Distinctive, aromatic
Solubility(ies):	Soluble in aromatic solvents
Initial Boiling Point:	137°C (for xylene)
Flash Point:	25°C (typical)
Relative Density:	0.95 - 1.25 kg/litre (typical range values)
Vapour Density or Relative Density to Air:	Heavier than air
	0.5-4.0 poise (ICI cone and plate viscometer)

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity:	The mixture is chemically inert as packed and supplied.
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10.2 Chemical Stability

Stability:	Stable under recommended storage and handling conditions.
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10.3 Possibility of Hazardous Reactions

Possibility of Hazardous Reactions:	Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
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10.4 Conditions to Avoid

Conditions to Avoid:	When exposed to high temperatures may cause hazardous decomposition.
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10.5 Incompatible Materials

Materials to Avoid:	Organic peroxides, oxidising acids and strong oxidizing agents.
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10.6 Hazardous Decomposition Products

Hazardous Decomposition Products:	During combustion and in addition to oxides of carbon and nitrogen, unspecific partial oxides and combination products of carbon / nitrogen may be produced.
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SECTION 11: Toxicological Information

There are no data available on the mixture itself. The mixture has been assessed following the conventional method within Regulation EC No.1272/2008 classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

11.1 Information on Toxicological Effects Acute Toxicity

Substance:	Xylene
Acute Toxicity:	Oral LD50 4300mg/kg Rat, Dermal LD50 >1700mg/kg Rabbit
Eye Irritation/Damage:	Not corrosive
Skin Irritation/Corrosivity:	See general information below
Sensitivity:	Not sensitizing
Repeated Dose Toxicity:	No information given
Carcinogenicity:	Not carcinogenic
Mutagenicity:	No information given
Toxicity for Reproduction:	No information given

Substance:	Hydrocarbons, C9 Aromatics
Acute Toxicity:	Oral LD50 >2000mg/kg Rat, Dermal LD50 > 2000mg/kg Rabbit.
Irritation:	See general information below
Corrosivity:	Not corrosive
Sensitivity:	Not sensitizing
Repeated Dose Toxicity:	No information given
Carcinogenicity:	Not carcinogenic
Mutagenicity:	No information given
Toxicity for Reproduction:	No information given

General:	<p>Exposure to solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane, respiratory system irritation and adverse effects on kidney, liver and central nervous system.</p> <p>Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.</p> <p>Liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.</p>
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SECTION 12: Ecological Information

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the conventional method within the CLP Regulation EC No.1272/2008 and is not classified as dangerous for the environment but contains substance(s) hazardous to the aquatic environment. See section 3 for details.

12.1 Toxicity

Hydrocarbons, C9 Aromatics:	Fish LC50 <10mg/l, Aquatic invertebrates LC50 <10mg/l, Aquatic plants EC50 <10mg/l
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12.2 Ecological Information

Persistence and Degradability:	Expected to be readily biodegradable. Undergoes rapid photochemical oxidation in air.
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12.3 Bioaccumulative Potential

Bioaccumulative Potential:	Does not significantly bioaccumulate.
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12.4 Mobility in Soil

Mobility:	Mobile, may contaminate ground water.
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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.
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12.6 Other Adverse Effects

Other Adverse Effects:	None known.
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SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

General Information:	Waste and emptied containers are controlled wastes and should be disposed of in accordance with the Environmental Protection Regulations / The Controlled Waste Regulations. EU Waste Catalogue classification for this product, when disposed of as waste is given in Directive 2000/532/EC (SI 2005 No. 895). If this product is mixed with other wastes, original waste product code may no longer apply and the appropriate code should be assigned. For information contact your local waste authority. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned.
Disposal Methods:	Dispose of containers contaminated by the product in accordance with local or national legal provisions. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.
Waste Class:	08-01-11* Waste paint and varnish containing organic solvents or other dangerous substances. 15-01-10* Packaging containing residue of or contaminated by dangerous substances. 15-02-02* Absorbents/ filters/ cloths contaminated by dangerous substances.

SECTION 14: Transport Information

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage or accident. Transport in accordance with ADR/ RID, IMDG and for air, IATA/ICAO.

14.1 UN Number

UN Number:	1263
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14.2 UN Proper Shipping Name

UN Shipping Name:	Flammable Liquid [Paint Products]
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14.3 Transport Hazard Class(es)

Transport Hazard Class(es):	Class 3 : Flammable Liquids.
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14.4 Packaging Group

Label Number:	3
Packing Group:	III

14.5 Environmental Hazards

Environmental Hazards:	Environmentally hazardous substance/marine pollutant? - No.
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14.6 Special Precautions for User

Special Precautions for User:	-
Emergency Schedule No (EmS):	F-E, S-E
Special Provision - Tunnel Code:	D/E
Viscous Substance up to 30 Litres:	None exempt material (ADR 2.3.2.5)
Viscous Substance up to 450 Litres:	None exempt material (ADR 2.2.3.1.5)

14.7 Transport in Bulk According to Annex II of MARPOL and the IBC Code

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable
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SECTION 15: General Information

The information contained in this safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety legislation. The provisions of the Health and Safety at Work Act [and the Control of Substances Hazardous to Health Regulations] apply to the use of this product at work. This product may add to the calculation for determining whether a site is within scope of the Control of Major Accident Hazards Regulations [COMAH].

SECTION 16: Other Information

16.1 Other Information

H-Phrase:	Text of H-phrase referred to but, not reproduced in full in Sections 2 and 3. H304 May be fatal if swallowed and enters airways H312 Harmful in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H411 Toxic to aquatic life with long lasting effects
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The mixture(s) referred to in this SDS have been classified according to the CLP regulations by the conventional (calculation) method through the use of the Lycos Athena Advantage software program. The SDS layout and wording is derived from the CEPE Guideline on Safety Data Sheets for the paint industry –Edition 10, issued 18th December 2014 and replacing issue 9 on 1st June 2015, and the CEPE basic phrase catalogue for SDS-01-CEPE model safety data sheet.

The product should not be used for purposes other than in Sec 1, without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the relevant legislative requirements are complied with.

The information given herewith is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications. Further information can be found in:

The Control of Substances Hazardous to Health Regs. 2002 (SI 2002:2677)
COSHH Essentials; easy steps to control chemicals (HSG 193)
The Environmental Protection (Duty of Care) Regs. 1992 (S I 1992: 2839)
A Guide to Working with solvents (INDG 272)
Chemical Warehousing: The Storage of Packaged Dangerous Substances (HSG 71)
Chemical Warehousing: Storage of Flammable Liquids in Containers (HSG 51)

ALLTIMES
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EXPERIENCE THE DIFFERENCE IN EVERY COAT

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No responsibility can be taken by the manufacturers where conditions of use are beyond our control. All products should be used in accordance with the manufacturer's instructions. For further information please refer to the application guide and Material Safety Data Sheet. This information and guidance is given in good faith and without prejudice and liability, Technical and Safety Data must be observed. All coverages are given as a guide only, as volumes will vary with profile, porosity and method of application. Loss factors should also be taken into account.