

ClearPlus Activator

A high solids, compliant two pack Polysiloxane finish waterproof coating for Structural Steel and Cladding, giving excellent graffiti removal characteristics. Outperforms other coatings giving warranty backed 20 years of protection.

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

1.1 Product Identifier

Product Name:	ClearPlus Activator
Product Number:	EC-420-RT20A

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

Identified Users:	PC9a - Coatings and paints, thinners, paint removers.
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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 According Regulation EC 1272/2008

Classification:	Acute Tox. 4 H302 Harmful if swallowed.
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2.2 Labelling According Regulation EC 1272/2008

Pictogram:	GHS07 
Signal Word:	Warning
Hazard Determining Components:	bismuth(3+) neodecanoate. Neodecanoic acid.
Hazard Statements:	H302 Harmful if swallowed.

Precautionary Statements:	P64: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P301 + P312: IF SWALLOWED Call a POISON CENTER/Doctor if you feel unwell. P330: Rinse mouth. P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
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2.3 Other Hazards

Other Hazards:	PBT: Not applicable	vPvB: Not applicable
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SECTION 3: Composition/Information on Ingredients

3.1 Mixtures

Substance:	BISMUTH(3+) NEODECANOATE	NEODECANOIC ACID
Percent:	50-75%	20-50%
CAS Number:	34364-26-6	26896-20-8
EC Number:	251-964-6	248-093-9
REACH Number:	UK-01-6780535541-8-0003	01-2119449554-33-XXXX
Classification:	Acute Tox. 4, H302	Acute Tox. 4, H302

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General:	No special measures required.
Inhalation:	In case of unconsciousness bring patient into stable side position for transport. Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult Doctor if symptoms persist.
Ingestion:	In case of persistent symptom consult a Doctor.
Skin Contact:	The product is not skin irritating.
Eye Contact:	Rinse opened eye for several minutes under running water.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

General:	No further relevant information available.
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4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Immediate/Special Treatment:	No further relevant information available.
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SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Extinguishing Media:	Use suitable firefighting measures that suit the environment.
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5.2 Special Hazards Arising from the Substance or Mixture

Exposure Hazards:	Formation of toxic gases is possible during heating or in case of fire.
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5.3 Advice for Firefighters

Protective Actions During Firefighting:	No special measures required.
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SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions:	Not required.
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6.2 Environmental Precautions

Environmental Precautions:	No special measures required.
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6.3 Methods & Material for Containment and Cleaning

Methods for Cleaning Up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust). Dispose of contaminated material as waste according to section 13.
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6.4 Reference to Other Sections

Reference to Other Sections:	Refer to Section 8.
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SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Handling Requirements:	No special measures required. Store in cool, dry place in tightly sealed containers.
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7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Precautions:	No special measures required.
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7.3 Specific End Use(s)

Specific End Use(s):	No data available.
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SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Components with Limit Values that require Workplace Monitoring:	This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional Information:	The lists that were valid during the compilation were used as basis.

8.2 Exposure Controls

Appropriate Engineering Controls:	No further information, see section 7.
General Protection & Hygienic Protection:	The usual precautionary measures should be adhered to general rules for handling chemicals.
Respiratory Protection:	Not required.
Hand Protection:	The glove material has to be impermeable and resistant to the product/ substance/the preparation. Selection of the glove material on consideration of the penetrating times, rates of diffusion and the degradation. Material: Nitrile Rubber, NBR. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/Face Protection:	Safety glasses recommended during refilling.
Other Skin & Body Protection:	Protective work clothing.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Liquid
Form:	Fluid
Colour:	Slightly Yellowish
Odour:	Characteristic
Odour Threshold:	Not determined
Melting Point/Freezing Point:	Not determined
Boiling Point/Initial Boiling Point & Range:	Not determined
Flammability:	Not determined
Upper & Lower Explosion Limit:	Not determined
Flash Point:	> 100 °C (34364-26-6 bismouth(3+))
Decomposition Temperature:	Not determined
pH at 20 °C:	4.5
Kinematic Viscosity:	Not determined
Dynamisch at 20 °C:	750 mPas
Solubility in Water:	Not miscible or difficult to mix
Partition Coefficient (n-octanol/water):	Not determined

Vapour Pressure:	Not determined
Vapour Density:	Not determined
Relative Density:	Not determined
Density at 20 °C:	1.115 g/cm ³
Self-inflammability:	Product is not selfigniting.
Explosive Properties:	Product is not explosive.
Solid Contents:	0.0 %
Evaporation Rate:	Not determined

9.2 Information with Regards to Physical Hazards

Explosives:	Void
Flammable Gases:	Void
Flammable Liquids:	Void
Flammable Solids:	Void
Aerosols:	Void
Oxidising Gases:	Void
Oxidising Liquids:	Void
Oxidising Solids:	Void
Gases Under Pressure:	Void
Self Reactive Substances/Mixtures:	Void
Pyrophobic Liquids:	Void
Pyrophobic Solids:	Void
Substances/Mixtures that Emit Flammable Gases in Contact with Water:	Void
Organic Peroxides:	Void
Corrosive Metals:	Void
Desensitised Explosives:	Void

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity:	No further relevant information available.
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10.2 Chemical Stability

Stability:	No decomposition if used according to specifications.
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10.3 Possibility of Hazardous Reactions

Possibility of Hazardous Reactions:	No dangerous reactions known.
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10.4 Conditions to Avoid

Conditions to Avoid:	No further relevant information available.
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10.5 Incompatible Materials

Materials to Avoid:	No further relevant information available.
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10.6 Hazardous Decomposition Products

Hazardous Decomposition Products:	At high temperatures dangerous decomposition products like carbon dioxide, carbon monoxide, lyme, nitrogen oxides can be formed.
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SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects Acute Toxicity

Substance:	BISMUTH(3+) NEODECANOATE
Oral:	LD50 500 mg/kg (rat) (Acute Oral Toxicity - Acute Toxic Class Method)
Dermal	LD50 >2,000 mg/kg (rabbit) (Acute Dermal Toxicity)

Substance:	NEODECANOIC ACID
Oral:	LD50 1,000 mg/kg (rat) (Acute Oral Toxicity - Acute Toxic Class Method)
Dermal	LD50 >3,640 mg/kg (rabbit)
Inhalative:	LD50/5h >3 mg/l (rat)
Irritation to Skin:	LD50 >2,000 mg/kg (rat)

11.2 Symptoms/Routes of Exposure

Respiratory or Skin Sensitisation:	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
STOT - Single Exposure:	Based on available data, the classification criteria are not met.
STOT - Repeated Exposure:	Based on available data, the classification criteria are not met.
Other Hazards:	Endocrine disrupting properties - none of the ingredients listed.

SECTION 12: Ecological Information

12.1 Toxicity

Substance:	NEODECANOIC ACID
Aquatic Toxicity:	NOEC/21 d 4.78 mg/l (daphnia), EL50/72 h >100 mg/l (alga), LL50/96 h 100-300 mg/l (fish/other), LL50/96 h 100-300 mg/l (trout)

12.2 Ecological Information

Persistence and Degradability:	No further relevant information available.
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12.3 Bioaccumulative Potential

Bioaccumulative Potential:	No further relevant information available.
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12.4 Mobility in Soil

Mobility:	No further relevant information available.
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12.5 Results of PBT and vPvB Assessment

Results of PBT and vPvB Assessment:	PBT: Not applicable	vPvB: Not applicable
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12.6 Other Adverse Effects

Other Adverse Effects:	Do not allow product to reach ground water, water bodies or sewage system.
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SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

General Information:	Must not be disposed of together with household waste. Do not allow product to reach sewage system. Disposal of containers must be made in accordance to official regulations.
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SECTION 14: Transport Information

14.1 UN Number

UN Number:	Void
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14.2 UN Proper Shipping Name

UN Shipping Name:	Void
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14.3 Transport Hazard Class(es)

Transport Hazard Class(es):	Void
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14.4 Packaging Group

Packing Group:	Void
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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:	Not applicable
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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

15.1 Safety, Health and Environmental Regulations/Legislation

EC 1907/2006 REACH, Annex XIV:	Not applicable.
Poisons Act:	Not applicable.
Regulated Explosives Precursors:	None of the ingredients are listed.
Regulated Poisons:	None of the ingredients are listed.
Reportable Explosives Precursors:	None of the ingredients are listed.
Reportable Poisons:	None of the ingredients are listed.
Directive 2012/18/EU, Annex I:	None of the ingredients are listed.
Water Hazard Class:	Water hazard class 2 (German Regulation) (Self-classification): hazardous for water.
Chemical Safety Assessment:	A chemical safety assessment has not been carried out for the substance or the mixture.

SECTION 16: Other Information

16.1 Other Information

General Information:	The information contained herein is based on our present knowledge. However, this shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.
Relevant Phrases:	H302 Harmful if swallowed.

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.

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