

Illumitex® 2 Pack Water Based Lacquer - Base

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

1.1 Product Identifier

Product form:..... Mixture
Product name:..... ANTI-GRAFFITI CLEAR GLAZE KIT - BASE
UFI:..... 8QMP-P2RG-E00F-PF4C
Type of product:..... Bases
Product group:..... End product
Other means of identification:..... BASE

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Pittaway Special Coatings Ltd.

106-114 Flinton Street
Hull HU3 4NA
England

T: +44 01482 329007
E: info@illumitex.co.uk

1.4. Emergency telephone number

Emergency number:..... +44 01482 329007

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3:..... H226
Skin corrosion/irritation, Category 2:..... H315
Serious eye damage/eye irritation,
Category 2:..... H319
Skin sensitisation, Category 1:..... H317
Hazardous to the aquatic environment
– Chronic Hazard Category 3:..... H412
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):



GHS02



GHS07

Signal word (CLP): Warning

Contains: WATER THINNABLE POLYACRYLATE CONTAINING HYDROXYL GROUPS

Hazard statements (CLP): H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP): P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

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

P233 - Keep container tightly closed.

P235 - Keep cool.

P312 - Call a POISON CENTRE or doctor if you feel unwell.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Extra phrases: For professional users only.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
WATER THINNABLE POLYACRYLATE CONTAINING HYDROXYL GROUPS	-	≥ 30 – < 50	Skin Sens. 1, H317
2-BUTOXYETHANOL	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0	≥ 1 – < 5	Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h) Acute Tox. 4 (Oral), H302 (ATE=1200 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Irrit. 2, H319
SOLVENT NAPHTHA, LIGHT AROMATIC (content of benzene <0.1%)	CAS-No.: 64742-95-6 EC-No.: 265-199-0 REACH-no: 01-2119455851-35	≥ 1 – < 5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-DIMETHYLAMINOETHANOL	CAS-No.: 108-01-0 EC-No.: 203-542-8 REACH-no: 01-2119492298-24	≥ 1 – < 5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h) Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:..... Seek medical attention immediately.

First-aid measures after inhalation:..... Move the affected person away from the contaminated area and into the fresh air. Administer oxygen if breathing is difficult."

First-aid measures after skin contact:..... Rinse skin with water/shower.

First-aid measures after eye contact:..... Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion:..... Rinse mouth thoroughly with water. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

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

Symptoms/effects after inhalation:..... Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact:..... Prolonged or repeated contact may cause skin to become dry.

Symptoms/effects after eye contact:..... May cause eye irritation.

Symptoms/effects after ingestion:..... May cause irritation to the digestive tract.

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:..... Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

“Unsuitable extinguishing media:..... Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products

in case of fire: Toxic fumes may be released.

5.3. Advice for firefighters

Explosion hazard: Heating may cause an explosion.

Hazardous decomposition products in

case of fire: Toxic fumes may be released.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Clear all other personnel from the area.

6.1.1. For non-emergency personnel:

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Ventilate spillage area. Do not touch or walk on the spilled product.

6.1.2. For emergency responders:

No additional information available.

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.

Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: scoop solid spill into closing containers.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:..... Use only indoors in a well-ventilated area. Wear personal protective equipment.
Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

Hygiene measures:..... Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in original container. Store in a closed container.

Storage area:..... Bund storage facilities to prevent soil and water pollution in the event of spillage.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:..... Provide local exhaust or general room ventilation. Personal, workplace, environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Ensure control measures are regularly inspected and maintained.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available.

8.2.2.2. Skin protection

Hand protection: As a general principal, exposure should be managed by means other than the provision of protective gloves. Permeation time: minimum >480min long term exposure; material / thickness [mm]: Protective gloves against chemicals (EN 374)

8.2.2.3. Respiratory protection

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2.4. Thermal hazards No additional information available.

8.2.3. Environmental exposure controls

Environmental exposure controls: Keep container tightly closed. Do not exceed the occupational exposure limits (OEL).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: Milky.
Appearance: Creamy liquid.
Odour: Not available
Odour threshold: Not available
Melting point: Not available
Freezing point: Not available
Boiling point: Not available
Flammability: Not available
Lower explosion limit: Not available
Upper explosion limit: Not available
Flash point: 47 °C Closed cup.
Auto-ignition temperature: Not available
Decomposition temperature: Not available
pH: pH (concentrated solution): Alkaline
Viscosity, kinematic: Not available
Viscosity, dynamic: ≈ 800 DIN 53019/1 mPas @ 23°C

Solubility:..... Miscible with water.
Partition coefficient n-octanol/water
(Log Kow):..... Not available
Vapour pressure:..... Not available
Vapour pressure at 50°C:..... Not available
Density:..... Not available
Relative density:..... 1.08 @ 20°C
Relative vapour density at 20°C:..... Not available
Particle characteristics:..... Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content:..... < 83 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Avoid open fire or flames. Heat.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Endocrine disrupting properties

No additional information available.

12.7. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations:..... Do not discharge into drains or rivers.

Product/Packaging disposal

recommendations:..... Discharging into rivers and drains is forbidden. Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

15 01 02 - plastic packaging

15 01 04 - metallic packaging

HP Code:..... HP3 - "Flammable:"

– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;

– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;

– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;

– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;

– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.






HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number UN 2281				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT	PAINT	PAINT	PAINT	PAINT
Transport document description				
UN 1263 PAINT, 3, III, (D/E)	UN 1263 PAINT, 3, III	UN 1263 Paint, 3, III	UN 1263 Paint, 3, III	UN 1263 Paint, 3, III
14.3. Transport hazard class(es)				
6.1 	6.1 	6.1 	6.1 	6.1 
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

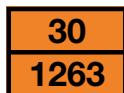
Classification code (ADR):..... F1
 Special provisions (ADR): 163, 367, 650
 Limited quantities (ADR):..... 5I
 Excepted quantities (ADR):..... E1
 Packing instructions (ADR):..... P001, IBC03, LP01, R001
 Special packing provisions (ADR): PP1
 Mixed packing provisions (ADR):..... MP19
 Portable tank and bulk container
 instructions (ADR): T2
 Portable tank and bulk container special
 provisions (ADR):..... TP1, TP29
 Tank code (ADR): LGBF
 Vehicle for tank carriage:..... FL
 Transport category (ADR):..... 3
 Special provisions for carriage
 - Packages (ADR):..... V12

Special provisions for carriage -

Operation (ADR):.....S2

Hazard identification number (Kemler No.):.....30

Orange plates:



Tunnel restriction code (ADR):.....D/E

EAC code:.....•3Y

Transport by sea

Special provisions (IMDG):.....163, 223, 367, 955

Limited quantities (IMDG):.....5 L

Excepted quantities (IMDG):.....E1

Packing instructions (IMDG):.....P001, LP01

Special packing provisions (IMDG):.....PPI

IBC packing instructions (IMDG):.....IBC03

Tank instructions (IMDG):.....T2

Tank special provisions (IMDG):.....TPI, TP29

EmS-No. (Fire):.....F-E

EmS-No. (Spillage):.....S-E

Stowage category (IMDG):.....A

Properties and observations (IMDG):.....Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA):.....E1

PCA Limited quantities (IATA):.....Y344

PCA limited quantity max net quantity

(IATA):.....10L

PCA packing instructions (IATA):.....355

PCA max net quantity (IATA):.....60L

CAO packing instructions (IATA):.....366

CAO max net quantity (IATA):.....220L

Special provisions (IATA):.....A3, A72, A192

ERG code (IATA):.....3L

Inland waterway transport

Classification code (ADN):.....F1

Special provisions (ADN):.....163, 367, 650

Limited quantities (ADN):.....5 L

Excepted quantities (ADN):.....E1

Equipment required (ADN):.....PP, EX, A

Ventilation (ADN):.....VE01

Number of blue cones/lights (ADN):.....0

Rail transport

Classification code (RID):.....F1

Special provisions (RID):.....163, 367, 650

Limited quantities (RID):.....5L

Excepted quantities (RID):.....E1

Packing instructions (RID):.....P001, IBC03,
LP01, R001

Special packing provisions (RID):.....PPI

Mixed packing provisions (RID):.....MP19

Portable tank and bulk container

instructions (RID):.....T2

Portable tank and bulk container

special provisions (RID):.....TPI, TP29

Tank codes for RID tanks (RID):.....LGBF

Transport category (RID):.....3

Special provisions for carriage

- Packages (RID):.....W12

Colis express (express parcels) (RID):.....CE4

Hazard identification number (RID):.....30

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content:..... < 83 g/l

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IMDG	European Standard
LC50	Median lethal concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic

Full text of H- and EUH-statements

Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

Full text of H- and EUH-statements	
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The classification complies with: ATP 12

Safety Data Sheet (SDS), EU..... This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.