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SAFETY DATA SHEET

ILUMITEX PRIMER SEALER

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

1.1. Product identifier

PRODUCT NAME: Ilumitex Primer Sealer

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

IDENTIFIED USES: Paint .

1.3. Details of the supplier of the data sheet

COMPANY: Pittaway Special Coatings Ltd, 106-114 Flinton Street, Hull, HU3 4NA
TELEPHONE: 01482 329007
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLASSIFICATION (1999/45/EEC) Not classified.

2.2. Label elements

RISK PHRASES:	NC	Not Classified.
SAFETY PHRASES:	S2	Keep out of reach of children.
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin wash immediately with plenty of water.
	S51	Use only in well-ventilated areas.
	S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Calcium Carbonate	10-30%
CAS No.: 1317-65-3	EC No.:215-279-6
Classification(EC 1272/2008) Not classified.	Classification(67/548/EEC) Not classified.

Titanium Dioxide	10-30%
CAS No.: 1346-67-7	EC No.:236-675-5
	Registration Number: 01-2119489379-17-xxxx
Classification(EC 1272/2008) Not classified.	Classification(67/548/EEC) Not classified.

Monopropylene glycol		1-5%
CAS No.: 57-55-6	EC No.:200-338-0	Registration Number:01-2119456809-23-xxxx
Classification(EC 1272/2008) Not classified.	Classification(67/548/EEC) Not classified.	

Sodium Hydroxide		<0.1%
CAS No.: 1310-73-2	EC No.:215-185-5	
Classification(EC 1272/2008) Skin Corr. 1A-H314	Classification(67/548/EEC) C;R35	

Ammonia		<0.1%
CAS No.: 1336-21-6	EC No.:215-647-6	
Classification(EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification(67/548/EEC) C;R34 N;R50	

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 INFORMATION

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious.

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION

Do not induce vomiting. Get medical attention immediately. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

SKIN CONTACT

Remove infected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

GENERAL INFORMATION

If adverse symptoms develop as described, the casualty should be transferred to hospital as soon as possible.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is non-combustible. If heated, corrosive and toxic vapours/gasses may be formed.

5.3. Advice for firefighters

SPECIAL FIREFIGHTING PROCEDURES

Avoid breathing fire vapours. Do not allow runoff to sewer, waterway or ground. Cool the containers that are exposed to flames with water until well after the fire is out.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable absorbent material. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory bodies.

6.3. Methods and material for containment and cleaning up

Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

For personal protection, see Section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in Section 9. This will give the net weight of coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Keep containers tightly closed. Keep upright. Store separated from; oxidizing material, alkalis and acids

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

USAGE DESCRIPTION

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min	
Ammonia	WEL	25 ppm	35 mg/m ³	17 ppm	24 mg/m ³
Calcium Carbonate	WEL		10 mg/m ³		
Monopropylene Glycol	WEL	150 ppm	10 mg/m ³		
Sodium Hydroxide	WEL				2mg/m ³
Titanium Dioxide	WEL		10 mg/m ³		

WEL = Workplace Exposure Limit

Titanium Dioxide (CAS: 13463-67-6)

DNEL				
Industry	Inhalation	Long Term	Local effects	10mg/m3
Consumer	Oral	Long Term	Systemic effects	700mg/kg/day
PNEC				
Freshwater	>1	mg/l		
Sediment (Freshwater)	>=1000	mg/kg		
Marine water	0.127	mg/l		
Sediment (Marine water)	>=100	mg/kg		
Soil	100	mg/kg		
STP	100	mg/kg		

Monopropylene Glycol (CAS: 57-55-6)

DNEL				
Professional	Inhalation	Long Term	Systemic effects	50mg/m3
Professional	Inhalation	Long Term	Local effects	10mg/m3
Consumer	Inhalation	Long Term	Systemic effects	168mg/m3
Consumer	Inhalation	Long Term	Local effects	10mg/m3
PNEC				
Freshwater	206	mg/l		
Marine water	26	mg/l		
Sediment (Freshwater)	572	mg/l		
Sediment (Marine water)	57.2	mg/l		
Soil	50	mg/kg		
STP	20000	mg/l		

Sodium Benzoate (CAS: 532-32-1)

DNEL				
Industry	Dermal	Long Term	Systemic effects	34.7mg/kg/day
Consumer	Dermakl	Long Term	Systemic effects	20.8mg/kg/day
Industry	Inhalation	Long Term	Systemic effects	10.4mg/kg/day
Consumer	Inhalation	Long Term	Systemic effects	2.1mg/m3
Consumer	Oral	Long Term	Systemic effects	25mg/kg/day
Industry	Inhalation	Long Term	Local effects	6.3mg/m3
Consumer	Inhalation	Long Term	Local effects	1.3mg/m3

Texanol (CAS: 25265-77-4)

DNEL				
Industry	Oral	Long Term	8.3mg/kg/day	
Professional	Inhalation	Long Term	49mg/m3	
Consumer	Inhalation	Long Term	14.5mg/m3	
Professional	Dermal	Long Term	13.9mg/kg/day	
Consumer	Dermal		8.3mg/kg/day	
PNEC				
Freshwater	0.015	mg/l		
Marine water	0.0015	mg/l		
Intermittent release	0.15	mg/l		
Sediment (Freshwater)	0.17	mg/kg		
Sediment (Marine water)	0.017	mg/kg		
Soil	0.13	mg/kg		
STP	7.5	mg/l		

8.2. Exposure controls

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier who can inform about breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure but does not prevent absorption through the skin.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

Wear appropriate clothing to prevent reasonably probable skin contact.

HYGIENE MEASURES

No specific hygiene procedures noted but good hygiene practices are always advisable especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

APPEARANCE	Viscous coloured liquid
COLOUR	White/ off white
ODOUR	Mild
SOLUBILITY	Miscible with water
RELATIVE DENSITY	1.25 – 1.35 @ 20 C
VISCOSITY	2.5 (Rotthinner) Ps @ 25 C

9.2. Other information

Volatile Organic Compound (VOC) 22g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidizing substances.

10.5. Incompatible materials

MATERIALS TO AVOID

Strong alkalis, acids and oxidizing substances.

10.6. Hazardous decomposition products

Thermal decomposition or combustions may liberate carbon oxides and other toxic gasses or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

TOXICOLOGICAL INFORMATION

No data recorded.

GENERAL INFORMATION

No specific health warnings noted.

INHALATION

No specific health warnings noted.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Prolonged contact may cause dryness of the skin.

EYE CONTACT

May cause temporary eye irritation.

HEALTH WARNINGS

This product has low toxicity. Only large volumes may have an adverse impact on human health.

ROUTE OF ENTRY

Skin absorption, ingestion skin contact and/or eye contact.

MEDICAL CONSIDERATIONS

Skin disorders and allergies.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

There is no data on the ecotoxicity of this product.

12.1. Toxicity

12.2. Persistence and degradability

DEGRADABILITY

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

The product contains substances which are water soluble and may spread in water systems.

12.5. Results of PBT and VPvB assessment

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Do not allow to enter drains, sewers or watercourses. Waste is to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with the local waste disposal authority.

13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground.

WASTE CLASS

When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as non-hazardous waste with code 08 01 12 (WATER BASED LIQUID WASTE). Part used containers, not drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste with the same code. If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with the code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging).

SECTION 14: TRANSPORT INFORMATION

GENERAL INFORMATION

The product is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmental hazardous substance/marine pollutant No.

14.6. Special precautions for user

No information required.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. Dangerous Substances and Explosive Atmospheres Regulations 2002 (L138)

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU LEGISLATION

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 17488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC, including amendments. Regulation (EC) No. 1272/2008 of the amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 with amendments.

NATIONAL REGULATIONS

The Chemicals (Hazard information and Packaging for Supply) Regulations 2002 No. 1689.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: OTHER INFORMATION

REVISION COMMENTS

Issued in new format for REACH compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010

ISSUED BY Technical Dept.

REVISION DATE 01/06/2018

RISK PHRASES IN FULL

R34 Cause burns.
R35 Causes severe burns.
R37 Irritating to respiratory system.
NC Not classified.
R50 Very toxic to aquatic organisms.

HAZARD STATEMENTS IN FULL

H314 Causes severe skin burns and eye damage.
H355 May cause respiratory irritation.
H400 Very toxic to aquatic life.

Disclaimer

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.