

SAFETY DATA SHEET

ILUMITEX LACQUER TWO PACK WATER BASED (BASE)

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY.

PRODUCT NAME: ILUMITEX LACQUER TWO PACK WATER BASED. (BASE).
COMPANY: Pittaway Special Coatings Ltd, 106-114 Flinton Street, Hull, HU3 4NA.
TELEPHONE: 01482 329007.
FAX: 01482 213053.

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Chemical Name (CAS No.):	% of composition	Hazard.
Contains No Hazardous Ingredients (91/155/EEC):	Not Classified as Hazardous (91/155/EEC).	

3. HAZARDS IDENTIFICATION.

ROUTES OF EXPOSURE/
HEALTH HAZARDS: Skin and eye contact, inhalation and ingestion.

SYMPTOMS OF EXPOSURE
(ACUTE): The minor levels of residual monomer and the surfactants used to stabilise these polymers may cause irritation of the eyes, and drying of the skin leading to slight irritation.

SYMPTOMS OF EXPOSURE
(CHRONIC): No data available.

EXPLOSION HAZARDS: Pressurisation of the drum may occur if heated.

FIRE HAZARDS: All organic materials are combustible and may present a fire risk if exposed to flame, fire heat or other potential sources of ignition.

CORROSION HAZARDS: No known corrosive hazard.

ENVIRONMENTAL
HAZARDS: Entry into water courses and sewage systems. Evaporation of volatile components to atmosphere.

4. FIRST AID MEASURES.

SKIN CONTACT: Wash with soap and water for 15 minutes.
EYE CONTACT: Flush with copious amounts of water for at least 15 minutes. Seek immediate medical attention
INGESTION: If ingested do not induce vomiting, immediately seek medical attention.
INHALATION: Inhalation of the material is unlikely, but if ill effects follow from spraying or use in confined spaces then remove the patient to fresh air and treat symptomatically.
ADVICE TO PHYSICIANS: Treat symptomatically.

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA: Foam, dry powder, carbon dioxide. In case of larger fires, water spray/mist may be used.
SPECIAL EXPOSURE
HAZARD(S): In the event of a fire it may produce toxic vapour and fumes.
PROTECTIVE EQUIPMENT: Full-face positive pressure breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PROTECTION: Full protective clothing and eye protection.
ENVIRONMENTAL PRECAUTIONS: Contain and cover any spillage immediately with sand, earth or other suitable absorbent. Prevent ingress into water courses and sewers.
METHODS OF CLEAN UP: Transfer absorbent material to a suitable waste container. Dispose of in accordance with local and national regulations.

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7. HANDLING AND STORAGE.

HANDLING PRECAUTIONS:	This is a stable dispersions of an inert polymeric in water which is non-flammable and presents no toxic hazard under normal conditions of use. Adequate ventilation should be provided if this material is used in a confined space or if forced drying/spraying of this product is involved.
STORAGE PRECAUTIONS:	Keep containers tightly closed and dry, in a well ventilated area away from heat and direct sunlight.
STORAGE TEMPERATURE:	5-30 °c .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

ENGINEERING MEASURES:	Natural ventilation.
CONTROL PARAMETERS:	
CHEMICAL (CAS No.): Contains No Hazardous Ingredients (91/155/EEC)	EXPOSURE LIMIT.
PERSONAL PROTECTION: RESPIRATORY:	In the absence of exhaust or natural ventilation a build up of the normally low residual . monomer vapours can be expected. Exposure should be avoided by improving ventilation or by using self-contained or airline breathing apparatus.
PERSONAL PROTECTION:	HAND - PVC or rubber gloves. EYE - Goggles. SKIN - Overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE:	Milky white liquid.
ODOUR:	Slight colour from residual monomers.
BOILING POINT °C:	100.
MELTING RANGE °C:	0.
FLASH POINT °C:	Not applicable.
FLAMMABILITY LIMITS:	Not applicable.
EXPLOSION LIMITS:	Not applicable.
AUTOIGNITION TEMPERATURE:	Not applicable.
VAPOUR PRESSURE:	No Data Available.
VAPOUR DENSITY (AIR=1):	>1.
SPECIFIC GRAVITY (WATER=1):	1.07.
MISCIBILITY IN WATER:	Miscible in all proportions.
pH VALUE:	4.5±1.
VISCOSITY (mPa.s=cps):	50-200.
NON-VOLATILE MATTER%:	45.0±1.

10. STABILITY AND REACTIVITY.

CHEMICAL STABILITY:	Stable under the recommended storage conditions and in intended use and application.
CONDITIONS TO AVOID:	Elevated temperatures.
MATERIALS TO AVOID	None known.
HAZARDOUS:	
DECOMPOSITION PRODUCTS:	Toxic fumes including carbon monoxide may be generated.
HAZARDOUS POLYMERISATION:	Not known to occur.

11. TOXICOLOGICAL INFORMATION.

ORAL:	Ingestion of small quantities is unlikely to cause more than minor irritation of the gut.
SKIN:	Possible irritant on repeated contact.
EYES:	May cause irritation.
RESPIRATORY:	May cause headaches, breathlessness (respiratory effects could be delayed).
SENSITISATION:	Not known to cause sensitisation.
CHRONIC EFFECTS:	May cause dermatitis by prolonged skin contact. Operatives should be encouraged to report any unusual skin conditions.
APPRAISAL OF TOXICOLOGICAL DATA:	This product is of low hazard, but the low levels of residual monomers and surfactants may cause some irritation if the product is handled without due care and consideration.

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12. ECOLOGICAL INFORMATION.

ECOTOXICITY:	Some components are expected to exhibit high mobility in soil and could reach to ground water.
BIO ACCUMULATIVE POTENTIAL:	If remaining near to the surface of soil some components will evaporate slowly and may photo-oxidise and gradually degrade. Degradation in the soil will occur over an extended period of time.
APPRAISAL:	All necessary precautions should be taken to prevent entry of the components into soil, water or atmosphere.

13. DISPOSAL CONSIDERATIONS.

DANGERS:	Toxic fumes or vapours may be generated on incineration.
DISPOSAL OF SUBSTANCE/ PREPARATION:	Dispose of in accordance with local and national regulations.
DISPOSAL OF PACKAGING:	Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION.

UN No:	Not applicable.
PACKING GROUP:	
ADR/RID CLASS:	
IMO CLASS:	No applicable.
ICAO/IATA CLASS:	
IMO SHIPPING NAME:	
IATA SHIPPING NAME:	
ADR/RID SHIPPING NAME:	
MFAG TABLE No:	
EMS No:	
MARINE POLLUTANT (YES/NO):	No.

15. REGULATORY INFORMATION.

CLASSIFICATION SYMBOL(S):	
RISK PHRASES:	
SAFETY PHRASES:	
OTHER PHRASES:	Keep container tightly closed when not in use.
PRODUCT REGISTRATION(S):	

16. OTHER INFORMATION.

RECOMMENDED USE AND RESTRICTIONS:	A two component water thinnable, chemical resistant lacquer.
REQUIRED TRAINING OF PERSONNEL:	All personnel involved in the handling and use of this material should be adequately trained in the handling of chemical products, the use of protective equipment and engineering control measures provided and should read and understand this data sheet.
TECHNICAL CONTACT POINT MSDS:	R & D Manager, Speciality Chemicals Division.
MAIN REFERENCES:	Internal data/EH40/component supplier information.
REVISION DATE:	

Please Note – This Material Safety Data Sheet should be read in conjunction with the Technical Information sheet for the product.

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.