MATERIAL SAFETY DATA SHEET

VERSION 2 – CLP EC No. 1272 / 2008

Ref: 114R – Border Overlap adhesive

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY:

1.1 Product Name: **BORDER OVERLAP ADHESIVE**

1.2 Applications: Fixing Paper based Wall-coverings & veneers

1.3 Supplier: Palace Chemicals Ltd; Speke Hall Industrial Estate; Speke; Liverpool; L24 1YA
Tel: 0151 486 6101; Fax 0151 448 1982
e-mail: sales@palacechemicals.co.uk; web: www.palacechemicals.co.uk

1.4 Emergency Telephone No. Tel: 0151 486 6101; Fax 0151 448 1982; e-mail:jp@palacechemicals.co.uk

2. HAZARDS IDENTIFICATION:

2.1 Classification: (1999/45/EEC) Not Classified
Risk phrases: None applicable
Safety Phrases: S2 Keep out of the reach of children.
S24/25 Avoid eye and skin contact

2.1 Classifications:
(EC) No. 1272/2008 Not Classified
Hazard phrases: None applicable

Signal word: None Applicable
Precautionary phrases: None applicable

2.2 Other hazards: None applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS:

3.1 Substances: N/A
3.2 Mixtures: Carboxymethylated cold water soluble starch flake & preservative.

Name:	CAS No.:	EINECS:	Concentration:	Classification:
Carboxymethylated cold water soluble starch flake	9063-38-1		< 20.0% w/w	
Vinyla acetate coplymer	polymeric		< 20.0% w/w	
Chloromethyl Isothiazolininone & Methyl Isothiazolinone.	5395-50-6	225-208-0	< 0.1% w/w	H301; H311 Acute tox 3

4. FIRST AID MEASURES:

4.1 Description of measures:

EYE CONTACT: Immediately wash out the eyes with plenty of water. Seek medical attention if symptoms persist

INHALATION: Remove from exposure. Keep warm and rest.

SKIN CONTACT: Wash the skin with soap and water

INGESTION: Wash out the mouth with water. Do not induce vomiting. Seek medical attention if large amounts ingested

4.2 Acute & Chronic symptoms:
Inhalation: None
Ingestion: None
Skin contact: None
Eye Contact: Eye contact with mixed paste may cause pro-longed irritation.

4.3 Immediate medical attention: See First Aid measures above

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media: Use extinguisher appropriate to the surrounding materials & fire.

5.2 Combustion Hazards: In case of fire use powder, foam, sand and water spray.

5.3 Advice for fire-fighters: Self contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal protection: Wear impervious gloves, overalls, eye protection and a dust mask while clearing up the spillage.

6.2 Environmental precautions: Contain and collect the spillage. Do not wash into drains.

6.3 Spill removal methods: Shovel/vacuum up in a manner to minimise dust generation.
Do not wash with water - may make the floor very slippery.

6.4 References to other sections: Before attempting any clean-up operation, consult the requirements for protective equipment shown in section 8 of this document.

7. HANDLING & STORAGE:

7.1 Safe handling precautions: Handle in accordance with good safety and hygiene practices. The dry flake becomes a high viscosity adhesive when in contact with moisture; so repeated skin contact should be avoided. Avoid spillages. Use in a well-ventilated area. Avoid rough open handling, which creates dust.

7.2 (a) Safe storage conditions: Store in sealed, clearly marked sacks. Keep out of reach of children in a cool well-ventilated environment, preferably off the ground and out of contact with water. This product must be stored in unopened bags in cool dry conditions and protected from excessive draught.

7.2 (b) Incompatible materials: Avoid exposure to moisture when in storage prior to use

7.3 Specific storage conditions: None applicable

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

8.1 Control parameters

Substance:	8 hour exposure limit	Type:	Source:
	None applicable		

8.2 Exposure controls:

Engineering controls: Provide adequate ventilation.
Respiratory protections: Dust masks may be required if the product is handled roughly
Hand protection: Impervious gloves may be needed for sensitised individuals
Eye protection: Goggles may be required if the product is handled roughly
Other Protection: PVC overalls may be worn and should be laundered immediately after use.
Hygiene measures: Contact with skin must be washed off immediately

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Viscous white liquid	**Dry bulk density:**	n/a
Odour:	Negligible	**Wet Bulk Density:**	1045 g/ltr +/- 10
Odour threshold:	n/a	**Solubility in oils:**	Insoluble
pH:	9.0 – 10.5	**Water solubility:**	Soluble
Flash point:	n/a	**Auto-ignition temperature:**	n/a
Melting point:	n/a	**Decomposition temperature:**	n/a
Boiling point:	n/a	**Surface tension:**	n/a
Evaporation rate:	n/a	**Viscosity:**	15000 – 20000 mPa.s
Upper/Lower Flam limits:	n/a	**Explosive properties:**	Nil
Vapour pressure:	n/a	**Oxidising properties:**	Nil
Vapour density:	n/a	**Particle size:**	n/a

10. STABILITY & REACTIVITY:

10.1 Conditions to avoid: Humidity & moisture during storage
10.2 Incompatible Materials: Not known
10.3 Decomposition hazards: Stable
10.4 Reactivity: Stable
10.5 Chemical reactivity: Aqueous media
10.6 Risk of hazardous reaction: Not known

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects: This product has not been exhaustively tested. Judgements on the expected toxicity of this product have been made based upon consideration of its' major components.

Routes of exposure:
Inhalation, ingestion & contact with skin & eyes
Eye damage/irritation:
Direct contact with wet paste may cause corneal damage by delayed irritation.
Skin Corrosivity / Irritation:
None
Respiratory/skin sensitisation:
None known

12. ECOLOGICAL INFORMATION:

12.1 Ecotoxicity: Not hazardous to the environment.
12.2 Bio-accumulative potential: Not relevant
12.3 Persistence & degradability: 100% biodegradable.
12.4 Mobility in soil: negligible
12.5 PBT and vPvB result: Not relevant
12.6 Other adverse effects: Not relevant

13. DISPOSAL CONSIDERATIONS:

13.1 Waste treatment Methods: To be disposed in accordance with local authority regulations for non hazardous biodegradable waste
Large quantities of adhesive in contact with water form a viscous gel, which can block drains.
Existing EEC, National and Local Regulations must always be complied with.

14. TRANSPORT INFORMATION:

Transport Labels:
Wallpaper flake adhesive is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) and therefore no classification is required.

Regulatory Code (Land, Sea & Air):	ADR	IMDG	ICAO
14.1 UN No.:			
14.2 Proper shipping name:			
14.3 ADR Packing Group:			
14.4 Transport Hazard Class:			
14.5 Environmental hazards.			
14.6 Special user precautions:			
14.7 Transport in bulk – IBC code:			

15. REGULATORY INFORMATION:

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture
All components are listed as existing substances in Europe
UK Regulatory References:
Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.
Environmental Listing - Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.
Statutory Instruments:
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply.

EU Legislation:
Dangerous Substance Directive 67/548/EEC.
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 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC,

National Regulations:
Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006) - No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) - No specific restrictions of use are noted for this product.

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out for this product.

16. OTHER INFORMATION:

Last revision date:	29-05-15
SDS No.:	114R
References:	Volume VII Approved supply list; EH40; Croner; Supplier RM safety data sheets
Classification methods:	
R phrases in Section 2:	
H phrases in section 2:	
Safety phrases in section 2:	S2 Keep out of the reach of children. S24/25 Avoid eye and skin contact
Precautionary phrases:	.
Training for workers:	
Disclaimer:	The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.