

Safety Data Sheet

1	Identification of the Substance or Preparation and the Company	
	Substance / Preparation Identification	5118
	Product Description / Intended Use	High quality board & film adhesive suitable for screen printing
	Company Details	Supplied by; Campbell Coutts Ltd 7 Tower Industrial Estate, Tower Lane Eastleigh SO50 6NZ, Hampshire, UK +44 (0) 23 8061 3700

2	Hazards Identification	
	Hazard Symbol for Preparation	Not classified as hazardous
	Hazard Overview	
	Eye Contact	May cause eye irritation.
	Ingestion	May cause mild stomach upset.
	Inhalation	May cause irritation to breathing passages.
	Skin Contact	The surfactants and to a lesser extent the free monomers in polymer dispersions may cause dermatitis in sensitive individuals.
	Environmental Hazard	Not tested, do not allow product to enter drains or watercourses.

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Composition / Information on Ingredients					
Chemical Nature		Water based dispersion of vinyl acetate-ethylene copolymer			
The Hazard Symbol & Risk Phrases listed below are relevant to the substance not the product. See Section 16 – Other Information for the full Risk Phrases					
Substance	CAS No.	EINECS No.	Content %	Hazard Symbol	Risk Phrase

4	First-Aid Measures	
	Eye Contact	Seek medical attention. Irrigate eye with water whilst holding eye lid open for at least 15 minutes.
	Ingestion	Seek immediate medical attention. May cause nausea. Give water to dilute stomach contents. Do not induce vomiting.
	Inhalation	In severe cases seek medical attention. Remove to fresh air. Keep warm and at rest.
	Skin Contact	Seek medical attention if symptoms persist. Prolonged or repeated contact may cause irritation, or in sensitive individuals - dermatitis. Remove contaminated clothing and launder before reuse. Wash affected area thoroughly with water or soap and water.

5	Fire-Fighting Measures	
	Special Exposure Hazards	Product is water based and therefore not combustible. Dried film will burn. May produce carbon dioxide, carbon monoxide and oxides of nitrogen in a fire.
	Suitable Extinguishing Media	Dry Powder, Water, AFFF – Aqueous Film-Forming Foam, Foam, Carbon Dioxide, Vapourising Liquid
	Unsuitable Extinguishing Media	
	Protective Equipment	Self contained breathing apparatus.

6	Accidental Release Measures	
	Personal Precautions	Refer to Section 8 for protective clothing. Prevent skin & eye contact.
	Environmental Precautions	Do not allow product to enter drains water courses or soil.

	Large Spillage	Dike the spill and prevent it from entering drains. Pump product into suitable containers for approved disposal. Absorb remaining product on inert absorbent eg sand and place in containers for disposal. Wash area thoroughly with plenty of water.
	Small Spillage	Absorb product on inert absorbent eg sand and place in containers for disposal. Wash area thoroughly with plenty of water.

7	Handling & Storage	
	Handling	Vapours and small levels of volatile organic compounds may collect in the headspace of containers. Open in a well ventilated area. Vent containers during use, particularly drums and IBC's.
	Storage	Protect from frost. Store between 5 & 25°C. Keep out of direct sun light. Keep containers tightly closed.

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Exposure Controls and Personal Protection					
Environmental Exposure Controls - Components with workplace Parameters: (Refer to the current Health & Safety EH40 Occupational Exposure Limit for use with COSHH 1999. Levels quoted are from EH40/2002) Notes Definitions: TWA – Time Weighted Average, Sk – Can be absorbed through skin, Sen – Capable of causing respiratory sensitisation					
Table 1: List of Approved Maximum Exposure Limits					
Substance	Long Term Exposure Limit (8 hour TWA reference period)		Short Term Exposure Limit (15 minute reference period)		Notes
	ppm	mg.m ⁻³	ppm	mg.m ⁻³	
Table 2: List of Approved Occupational Exposure Standards					
Substance	Long Term Exposure Limit (8 hour TWA reference period)		Short Term Exposure Limit (15 minute reference period)		Notes
	ppm	mg.m ⁻³	ppm	mg.m ⁻³	
Exposure Control	Local exhaust ventilation is required in areas where this product is sprayed, heated or dried				
Respiratory Protection	Masks when spraying				
Hand Protection	Impermeable gloves				
Eye Protection	Goggles or safety glasses if there is a risk of splashing				
Skin Protection	Standard industrial overalls if there is a risk of splashing. Impermeable overalls and boots for severe exposure.				
All personal protective equipment is subject to the Personal Protective Equipment (EC Directive) Regulations 1992 (implementing Directive 89/686/EEC)					

9	Physical and Chemical Properties		
	Appearance		White liquid / colors available
	Odour		Slight ester
	Ph		4.5-5.5
	Boiling Point / Boiling Range		100°C
	Flash Point		Not Applicable
	Flammability		Not Applicable
	Explosive Properties		Not Applicable
	Oxidising Properties		Not Applicable
	Solids Content		52.0 – 54.0 %
	Viscosity		4600-5600 mPas Brookfield RVT Spindle 4 @ 25°C
	Specific Gravity		1.06
	Solubility	Water	miscible

		Fat	
		Solvent	
	Minimum Film Forming		5°C

10	Stability and Reactivity		
	Stability	Stable under normal conditions of use.	
	Conditions to Avoid	Temperature extremes, direct sunlight.	
	Materials to Avoid	Strong oxidizers	
	Hazardous Decomposition Products	Oxides of carbon	

11	Toxicological Information		
	Health Effects		
	Routes of Exposure	Inhalation	Inhalation of high concentrations of vapour is unlikely but may result in drowsiness or light headedness.
		Ingestion	Ingestion of large doses may cause stomach upset
		Skin Contact	The material is not a primary skin irritant, but repeated or prolonged contact may result in degreasing
		Eye Contact	The material is not a primary eye irritant, but repeated or prolonged contact may result in degreasing
	Acute Toxicity	Oral	Not Tested
		Inhalation	Not Tested
		Dermal	Not Tested
		Respiratory	Not Tested
	Repeated-dose Toxicity		Not Tested
	Mutagenicity		Not Tested
	Carcinogenicity		Not Tested
	Reproductive Toxicity	Fertility	Not Tested
		Developmental	Not Tested

12	Ecological Information		
	Ecotoxicity	Aquatic	Not tested
		Soil / Animal	Not tested
		Sewage Treatment	Unlikely to reduce sludge activity, will be largely absorbed on the sludge and consequently removed from the waste water.
	Mobility of each Component Substance		The product is miscible in water and will be progressively diluted if admitted to waterways.
	Persistence and Degradability of Component Substance		Base polymer is slowly biodegradable >80% by method OECD 302B.

13	Disposal Considerations		
	Disposal Method	Product	Via authorized waste disposal contractors
		Containers	Via authorized waste disposal contractors. Used containers should not be cut up or punctured until completely purged of product residues.
	Regulations		The Waste Framework Directive (75/442/EEC) Hazardous Waste Directive (91/689/EEC) Environmental Protection Act 1990 Environment Act 1995 Special Waste Regulations 1996

14	Transport Information				
	Not classified for transport				
		ADR – Road Directive	IMDG - Sea	RID – Rail Directive	ICAO/IATA - Air

		94/55/EEC		96/49/EC	
	UN Number				
	Class				
	Proper Shipping Name				
	Packing Group				
	Marine Pollutant				
	Other Information				
	Special Precautions Inside Premises				
	Special Precautions Outside Premises				

15	Regulatory Information	
	Label Information	No special labeling needed
	Community Level Specific Provisions for protection of:	Man
		Environment
		Directive 76/769/EEC
References and Additional Information	Health & Safety at Work Act 1974 Control of Substances Hazardous to Health Regulations 2002 – COSHH, COSHH Essentials REACH legislation: Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals Chemicals (Hazard Information and Packaging for Supply) Regulations EH40 Occupational Exposure Limits (Current Edition) EH64 Summary Criteria for Occupational Exposure Limit Personal Protective Equipment (EC Directive) Regulations 1992, The Selection Use and Maintenance of Respiratory Protective Equipment: A practical guide HSG53, Cost and effectiveness of chemical protective gloves for the workplace: Guidance for employers and health and safety specialists HSG206 <u>Waste:</u> Local & National Regulations, The Waste Framework Directive (75/442/EEC), Hazardous Waste Directive (91/689/EEC), Environmental Protection Act 1990, Environment Act 1995, Special Waste Regulations 1996 <u>Transport Regulations :</u> The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG Regs) and the European agreement (“Accord européen relatif au transport international des marchandises dangereuses par route”, known as ADR) & 2011 amendments Workplace Transport Safety: guidance for employers, ADR – Road Directive 94/55/EEC, IMDG – Sea, RID – Rail Directive 96/49/EC, ICAO/IATA – Air Restrictions on Marketing and Use: Council Directive 76/769/EEC	

16	Other Information		
	Risk Phrases		
	Safety Phrases		
	Training Advice		
	Restrictions on use	Statutory	
		Recommended	
	Date of Preparation		15 th February 2012
	Issue Number		3 changes due to Reach
Use of this Data Sheet	This data sheet is provided to enable the user to assess the personal health & safety and environmental aspects of the product in relation to its use, handling, storage and transportation. It enables the user to make accurate COSHH and transport assessments. This data sheet is not a specification or guarantee for the substance, preparation or product. Aldcroft Adhesives Ltd make recommendations based on the		

		intended use as disclosed to us by the customer. The customer is responsible for testing any product to determine its suitability in their specific application.
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