

SAFETY DATA SHEET

PREFERE 6121

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	PREFERE 6121
Applications	ADHESIVE FOR LAMINATED WOOD CONSTRUCTIONS
Supplier	Dynea(Shanghai)Co., Ltd.
Telephone	+ 86-21-58681485
Fax	+ 86-21-58661619

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	CAS No	Content/%	Symbol	R-phrases
Synthetic co-polymer emulsion			10-40	-	
Poly-vinyl alcohol		25213-24-5	1-10		
Calcium carbonate	215-279-6	1317-65-3	10-30	-	
Surfactant			< 1	-	
Water		7732-18-5	30-50		

See section 16 for explanations to R-phrases

Composition comments Harmful components are listed according to guideline for safety data sheets. Other components, not classified as harmful, are indicated by a hyphen (-).

3. HAZARDS IDENTIFICATION

No Labeling required according to current legislation.

4. FIRST AID MEASURES

General

SYMPTOMS AND EFFECTS

This product is not classified with regard to health effects. In case of accident, prevent exposure and implement necessary actions as described below. Observe the risk of effects and damage to health in case of accidents entailing exposure to larger quantities.

GENERAL ADVICE CONCERNING FIRST AID

	Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Keep affected person under observation. Get medical attention if necessary or contact emergency centre. Refer to the Safety Data Sheet for this chemical.
	When unconscious, loosen tight clothing and position in secured recovery position. In case of suspended respiratory: Start resuscitation.
Inhalation	By indication of effects on any person: Keep the affected person resting.
Ingestion	If the affected person is awake, give water or other drink to flush the mouth and to dilute chemicals that have been swallowed. As soon as possible, contact doctor / hospital for transport to hospital and continued treatment.
Skin	Wash skin with soap and water. Remove contaminated clothing. Seek medical advice if irritation persists or if the skin appears to be damaged.
Eyes	Promptly wash eyes with plenty of water while lifting the eye lids. Contact doctor / hospital for continued treatment or transport to hospital.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate for surrounding fire.
Hazardous combustion products	Common combustion products.
Protective measures in fire	Fire personnel exposed of gases from the commended to use respiratory protection. Avoid skin contact/inhalation of dust/vapors. (Also see section 8).

6. ACCIDENTAL RELEASE MEASURES

Personal precaution in spill	Wear necessary protective equipment. See section 8.
Precautions to protect environment	Limit the leakage field. Block up contaminated area. Runoff or release to sewer, waterway or ground is forbidden. The product is partly soluble in water.
Spill cleanup methods	Absorb in vermiculite, dry sand or earth and place into containers. Remove containers and flush area with water. Inform Authorities if large amounts are involved. When cured, the resin may be disposed of on an ordinary landfill.

7. HANDLING AND STORAGE

Usage precautions	Avoid spilling, skin and eye contact. Provide sufficient ventilation. Eye wash facilities should be available when handling this product.
Usage description	Read and follow manufacturer's recommendations.
Storage precautions	To be kept In closed containers when not in use. Store at 5-40°C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Protective equipment



Process conditions	Eye wash facilities should be available when handling this product.
Ventilation	Provide adequate general and local exhaust ventilation.
Respirators	Respiratory protection not required.
Protective gloves	Use chemical resistant gloves that comply with acceptable standard. Suitable material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. In the selection of protective equipment, the user must ensure that the equipment complies with the relevant standard. If there is any doubt the user should show this data sheet to the supplier of the equipment to ensure that the correct equipment is available to potential users.
Eye protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous. Fluid.		
Color	White.		
Odor	Characteristic.		
Physical data comments	For technical data and specifications; see technical data sheet.		
Boiling point (°C, interval)	100	Pressure	
Density/specific gravity (g/ml)	1.1-1.3	Temperature (°C)	25
pH-value, conc. solution	7.0-8.5		
Viscosity (interval)	7000 ~ 9000 mPa.s	Temperature (°C)	25
Solubility description	Miscible with water.		

10. STABILITY AND REACTIVITY

Stability	The product is stable at the conditions of handling and storage stated in the technical data sheet.
Hazardous decomposition products	Unlikely under normal industrial use.

11. TOXICOLOGICAL INFORMATION

Health hazards	In the industry irritating properties represent the main hazard.
Inhalation	The risk of exposure is limited as the product is only slightly volatile.
Ingestion	May cause discomfort.
Skin	Slightly irritating.
Eyes	Irritating to eyes.

12. ECOLOGICAL INFORMATION

Ecological information	Not regarded as dangerous for the environment under current legislation.
Mobility	Partially water soluble.
Bio accumulation	No bioaccumulation expected
Degradability	The product is slowly but not readily degradable

13. DISPOSAL CONSIDERATIONS

Disposal methods	Disposal should take place according to national and local regulations. Confirm disposal procedures with local authorities. Cured resin is regarded as not hazardous waste.
Waste class	EWC-code: 08 04 09. EWC-code will depend on the use of this product.
Contaminated packaging	Empty packaging as much as possible. Drained packaging should be recycled if possible.

14. TRANSPORT INFORMATION

Road Transport ADR class	Not dangerous according to ADR/RID/IMDG/IATA.
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15. REGULATORY INFORMATION

Risk phrases	Not classified.
UK regulatory references	Occupational Exposure Standard.
EU directives	Dangerous Substance Directive 67/548. Dangerous Preparations Directive 1999/45/EEC. Safety data sheet directive 91/155. Directive 2001/58. Directive 91/689. Directive 94/904.

16. OTHER INFORMATION

Explanations to R-phrases in section 2

Revision date	2013-04-08
Signature	Qiang Li
Disclaimer	The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.