Date Revised Jan. 7, 2011 Date Prepared Oct. 17, 2009

Product name(chemical name trade nar	ne): YUPO#80 StandardAdhesion CreamKraft	
Manufacture's Information	Manufacture's Name : MARUU SECCHAKU Corporation	
Manufactures miormation	Address : 780 Shimogashiwa-cho Shikokuchuo-shi	
	Ehime—ken 799—0411 JAPAN	
	Division in charge : Technical Dept. Head Office	
	Person in Charge(Drafted) : Mr. K. Mouri	
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Classification of Hazard Level an	nd Toxicity	
Name of classification : Dose	not apply to the classification standard	
Hazard level : None		
Toxicity : None		
Environmental Impact : None		
Material Properties		
Chemical name : Mixture		
Ingredients : Face stock $\cdot \cdot \cdot$	Polypropylene, Calcium carbonate	
Adhesive · · ·	Acrylic ester co-polymer	
Release liner ••• Cellulose, Silicone, Polyethylene, Sizing agent, Starch, Aluminum sulfate		
	other	
Chemical formula and structural formula :		
CAS No. 9003-07-0 (Polypropylene), 471-34-1 (Calcium carbonate)		
Classification or No. designate	ed by the United Nations: Not applicable	
First Aid Treatment		
This product is neither haza	rdous nor toxic. However, the following describes possible	
accidents due to incorrect ha	andling of the product and first aid treatment for such	
accident.		
	t a hazardous substance. However, if the product	
	red your eyes, wash eyes thoroughly with pure water	
	ast 15 minutes, and consult a doctor immediately.	
	skin with cold or lukewarm water. If a rash	
· · · · · ·	or if there is any pain, consult a doctor immediately.	
	ct is solid, thus there is no chance of inhalation	
Swallowing : This is no	t a hazardous substance. However, wash mouth	

thoroughly with pure water. If possible, put your finger into your throat to induce vomiting, and consult a doctor immediately. In Case of Fire Extinguishing Method: Extinguish using fire extinguisher Extinguisher : Water, Foam, CO<sub>2</sub> In Case of Leakage No particular action is required. Handling and Storage Precautions Handling : Do not give any impact. Storage : Avoid high temperature, high humidity place, and low temperature. Ideal Store condition is  $10\sim30^\circ$ C and humidity is 70%RH or less. Also do not allow moisture and chemicals to contact the product. Prevention of Exposure Control density : Not applicable Allowable density : Not applicable Measures for equipment : Not required Gear mask Protective : Not required Goggles : Not required Gloves : Not required Gown : Not required Physical and Chemical Appearance : Face stock : Yupo#80 Adhesive : Acrylic ester co-polymer (Emulsion Type) Release liner : Cream Kraft Boiling point : Not applicable. Vapor pressure : None. Volatility : None. Melting point : Not applicable. Specific gravity: No data °C) Solubility in water : Insoluble % ( Others Hazard Information Flash point : Not acknowledged. : Not acknowledged. Ignition point Explosion limit : Not applicable. Flammability : Acknowledged. Ignition(spontaneous ignition due to reaction with water): None Oxidation : None Self reaction and self explosion : None Dust explosion : None Stability and reaction: Stability in the normal condition. Others : Toxicity Data(including example of symptoms in human and epidemiological information) Skin corrosiveness : Currently not acknowledged.

Stimulation(Skin, eyes) : Currently not acknowledged.

Sensitization	: Currently not acknowledged.	
Acute toxicity(including leth	al dose of 50%, etc. ): Currently not acknowledged.	
Subacute toxicity	: Currently not acknowledged.	
Chronic toxicity	: Currently not acknowledged.	
Carcinogenicity	: Currently not acknowledged.	
Mutagenicity(microbe, chromosome) : Currently not acknowledged.		
Toxicity for generative fund	ction : Currently not acknowledged.	
Malformation	: Currently not acknowledged.	
Others(including toxic gas	generation due to reaction with water, etc. )	
	: Currently not acknowledged.	
Environmental Information		
Decomposition	: Currently not acknowledged.	
Accumulation	: Currently not acknowledged.	
Toxic deposits in fish : Currently not acknowledged.		
Others	: Currently not acknowledged.	

Disposal Precaution

When reclaiming the product, consign a company authorized for handling of industrial waste according to the "Laws on Processing of Waste and Cleaning", or local public organization if it to under take handling of industrial waste. When burning the product, use an incinerator and treat the product in compliance with applicable laws such as the Air Pollution Control Law.

Transport Precaution

Product is loaded on transporting media to prevent the product for falling, dropping, being damaged or becoming dusty during transport.

## Application Low

Others(contact concerning the descriptions, reference material, etc. )

This Data Sheet has been prepared based on currently available information and is subject to revision whenever new information and or knowledge is acquired.

What is described under "HANDLING" is applicable only to ordinary handling. If special handling is to be involved, take safety measures that are suitable for the relevant application and usage before use.

The above information is delivered to furnish safety data on the product and not for a warranty purpose.