

OJI PAPER CO., LTD.

HEAD OFFICE  
7-5 GINZA 4-CHOME, CHUO-KU  
TOKYO JAPAN

PHONE 03-3563-4527  
FACSIMILE 03-3563-1134

MATERIAL SAFETY DATA SHEET

SECTION I	
Manufacturer's Name OJI PAPER CO., LTD.	Emergency Telephone Number 03-3563-4527
Responsible Person Deputy General Manager, Environmental Affairs Department Koji Otsubo	
Address 7-5 Ginza 4-Chome, Chuo-ku, Tokyo 104, JAPAN	Date Prepared June 13, 1997
Identity (As Used on Label and List) OK COSMO 130FWG	Chemical Family Paper
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION	
Hazardous Components (Specific Chemical Identity: Common Name(s)): OSHA PEL ACGIH TLV <span style="float: right;">Other Limits Recommended</span>	
Not applicable	
Note : Heavy metals (as Pb) : Not more than 1ppm      Phenol : Not detected Formaldehyde : Not detected                                      Arsenic : Not detected Fluorescence : Not detected                                      PCB : Not detected Lead : Not detected                                                      Cadmium : Not detected Mercury : Not detected                                                  Chromium : Not detected	
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point                      N/A	Specific Gravity (H <sub>2</sub> O=1)                      1.0
Vapor Pressure (mm Hg)              N/A	Melting Point                                      N/A
Vapor Density (Air=1)                      N/A	Evaporation Rate (Butyl Acetate=1)              N/A
Solubility in Water                      Insoluble	
Appearance and Odor                      White paper, odorless	
SECTION IV - FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Method Used)              N/A	Flammable Limits      LEL N/A      UEL N/A
Extinguishing Media                      Water, Foam, Mist, Dry chemical, Carbon dioxide	
Special Fire Fighting Procedures              Water is recommended	
Unusual Fire and Explosion Hazards None, however, it is flammable when exposed to a direct flame	

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SECTION V — REACTIVITY DATA				
Stability	Unstable		Condition to Avoid	
	Stable	✓	Avoid heating	
Incompatibility (Materials to Avoid)		None		
Hazardous Decomposition or Byproducts		None		
Hazardous Polymerization	May Occur		Condition to Avoid	
	Will Not Occur	✓		
SECTION VI — HEALTH HAZARD DATA				
Route(s) of Entry	Inhalation?	Skin?	Eyes?	Ingestion?
	No	No	No	No
Health Hazards (Acute and Chronic)		Non-toxic		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
	No	No	No	
Signs and Symptoms of Exposure		None		
Medical Conditions				
Generally Aggravated by Exposure		None		
Emergency and First Aid Procedures		None		
SECTION VII — PRECAUTIONS FOR SAFE HANDLING AND USE				
Steps to be Taken in Case Material is Released or Spilled				
Gather in bags or other receptacles				
Waste Disposal Method		Burn up, landfill		
Cautions to be Taken in Handling and Storing				
To be stored at cool and dark place				
Other Precautions		Not required		
SECTION VIII — CONTROL MEASURES				
Respiratory Protection (Specify Type)				
Not required				
Ventilation	Local Exhaust	Not required	Special	Not required
	Mechanical (General)	Not required	Other	Not required
Protective Gloves		Not required	Eye Protection	Not required
Other Protective Clothing or Equipment			Not required	
Work Hygienic Practices			Not required	
SECTION IX — Component				
Ingredient Name		Cas No.		
1. Aluminum hydroxide		21645-51-2		
2. Cellulose		-		
3. Glass Fibre		-		

**Material Safety Data Sheet- Thin Fire Sheet**

It should be noted that the manufacturers MSDS sheet dated June 13, 1997 refers to the paper sheet as supplied. It makes no reference to the product as it is used for fusing. Therefore the following paragraph must be appended.

**Cleanup and safety:**

On firing, Thin Fire paper disintegrates to a dusty tissue. As with all ceramic fiber material, avoid breathing residual dust. Wear a respirator [NIOSH] approved for dusts during disposal. If possible, clean shelves with HEPA vacuum.

**Creative Craftsmen Co Inc  
Warrenville, Il.  
Oct 6, 1998**