



For Chemical Emergency call Infotrac @ 1-800-535-5053  
**Material Safety Data Sheet**

Section 1 - Product Information			
<b>Product Name:</b>	Flash Paper & Related Products		
<b>Chemical Name:</b>	Nitrocellulose & Water		
Section 2 - Hazardous Ingredients			
<b>Chemical Name</b>	<b>CAS#</b>	<b>Percentage</b>	
Nitrocellulose	9004-70-0	<75	
Water	7732-18-5	>25	
<b>Exposure Limits</b>	<b>Permissible Exposure Limit:</b>	N/A	
	<b>Ceiling Limits:</b>	N/A	
	<b>Short Term Exposure Limit:</b>	N/A	
	<b>Can be hazardous to skin?</b>	N/A	
Section 3 - Physical/Chemical Characteristics			
<b>Boiling Point</b>	100-103 C	<b>Solubility in Water</b>	Insoluble
<b>Vapor Pressure (mm Hg)</b>	18mm	<b>Specific Gravity (H2O = 1)</b>	1.6
<b>Vapor Density (Air = 1)</b>	0	<b>Melting Point</b>	N/A
<b>Appearance and Odor / Odor threshold</b>	Looks like tissue paper		
	N/A		
<b>Evaporation Rate (Butyl Acetate = 1)</b>	Slower than Butyl Acetate	<b>PH</b>	Neutral
<b>Freezing Point</b>	32F		
Section 4 - Fire and Explosion Data			
<b>Lower Explosive/Flammability Limit</b>		N/A	<b>Flash Point</b> N/A
<b>Upper Explosive/Flammability Limit</b>		N/A	<b>Autoignition Temperature</b> 320 F Dry
<b>Extinguishing Media</b>	Water is most desirable extinguishing medium		
<b>Fire Fighting Measures</b>	(for large quantities) Isolate area, stay upwind, wear self contained breathing apparatus. Fight fires from safe distance. Containers with nitrocellulose(wet with water) when exposed to intense heat will vaporize the water portion of the product, causing internal pressure and possible release of the lid. Cool containers with water if possible.		
<b>Fire &amp; Explosion Hazards</b>	This product is handled safely when wet with water. After drying, this product will burn very rapidly releasing toxic smoke and great amounts of heat. Any person who has breathed significant quantities of the fumes from burning nitrocellulose should consult a physician. Care should be taken to prevent confinement during ignition, since the resulting extreme pressure build up could cause an explosion. If properly stored and handled, this product will be stable for long periods of time(usually several years or more). In rare cases, it will darken and release acrid fumes. Your inventories should be viewed periodically for such changes. If observed, the product should be carefully destroyed. When these events occur in product that has been DRIED there is a small risk of spontaneous combustion.		
Section 5 - Reactivity Data			
<b>Chemical Stability</b>	Stable		
<b>Incompatibility</b>	Avoid contact with strong acids and bases		
<b>Hazardous Decomposition or Byproducts</b>	Combustion products (toxic) will vary, but normally they will include		
	carbon monoxide, carbon dioxide, and oxides of nitrogen		
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur		
Section 6 - Health Hazard Data			
<b>Routes of Entry</b>			

<b>Health Hazards</b>	None (as received)
<b>Carcinogenicity</b>	None (as received)
<b>Signs and Symptoms of Exposure</b>	None (as received)
<b>Medical conditions generally aggravated by exposure</b>	
<b>Emergency and First Aid Procedures</b>	<i>Eye Contact:</i> N/A
	<i>Skin Contact:</i> N/A
	<i>Serious Skin Contact:</i> N/A
	<i>Inhalation:</i> N/A
	<i>Ingestion:</i> N/A
<b>Section 7 - Precautions for Safe Handling and Use</b>	
<b>Spill or Release Data</b>	<i>Small Spill:</i>
	N/A
	<i>Large Spill:</i>
<b>Waste Disposal Method</b>	Approved incineration in accordance with local, state and federal regulations
<b>Handling and Storage</b>	This product must be stored in wet condition until ready for use.
	Keep it in a cool, dry, ventilated area, away from heat and ignition sources. TO DRY, REMOVE FROM THE BAG, ONLY AS MUCH AS YOU
	WILL BE USING IMMEDIATELY. PLACE IT IN A COOL, DRY, VENTILLATED AREA. Drying will usually take less than 24hrs(depending on amt)
<b>Other Precautions</b>	Never store in residence. Store in area protected with sprinklers
<b>Section 8 - Control Measures</b>	
<b>Respiratory Protection</b>	None needed, for the paper received
<b>Protective Gloves</b>	Not Required
<b>Eye Protection</b>	None needed, for the paper received
<b>Other Protective Equip.</b>	None needed, for the paper received
<b>Ventilation</b>	General room ventilations is adequate for the paper received.
<b>Work/Hygienic Practices</b>	Never smoke or use ignition sources in the presence of this product.

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described above, we cannot guarantee that these are the only hazards that exist.