MATERIAL SAFETY DATA SHEET

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DATE PREPARED; August 21, 2003

SECTION. 1 PRODUCT IDENTIFICATION

COMMON NAME; Sheet-Fed Offset Printing Gold Ink

PRODUCT NAME; Pantone - 871 Gold, 872 Gold, 873 Gold, 874 Gold, 875 Gold, 876 Gold

SECTION. 2 HAZARDOUS INGREDIENTS

COMPONENTS	CAS No.	WT. %	
Hydrotreated Petroleum Hydrocarbon	64742-46-7	20-23	
Rosin Modified Phenolic Resin	68082-96-2	20-23	
Tung Oil	8001-20-5	8-10	
Copper	7440-50-8	33-40	
Zinc	7440-66-5	4-10	
Aluminium	7429-90-5	0.5>	
Stearic Acid	57-11-4	4-5	
Polyetylene Wax	9002-88-4	1>	

Generally Classified as Non Toxic

SECTION. 3 PHYSICAL DATA

APPEARANCE; Viscous Paste SPECIFIC GRAVITY; 1.24-1.29 (25°C)

COLOR; Gold BOILING POINT; NE ODOR; Oily Odor VAPOR DENSITY; NE MOLECULAR WEIGHT; NE VAPOR PRESSURE; NE

PH; NE SOLUBILITY IN WATER; Insoluble

SECTION. 4 FIRE AND EXPROSION DATA

FLASH POINT; 150-160°C (Open Air)

FLAMMABLE LIMITS / UPPER; NE LOWER; NE EXTINGUISH MEDIA; Water, Fog, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES; Keep out of smoke. Self contained breathing apparatus

is recommended.

UNUSUAL FIRE AND EXPROSION HAZARDS; NE

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SECTION. 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

INHALATION; May cause respiratory irritation and dizziness.

SKIN; May cause irritation, defatting, allergic contact dermatitis and sensitization.

EYE; Will cause severe irritation.

INGESTION; May cause gastrointentional irritation, nausea, vomitting and diarrhea.

EMERGENCY FIRST AID PROCEDURE

INHALATION; Move to fresh air. Aid in breathing and get medical attention, if necessary.

SKIN; Remove contaminated clothing and wash well with soap and water.

EYE; Flush with plenty water immediately for at least 15 min. and get medical attention.

INGESTION; Drink a large quantity of water. If available, milk is better. Get medical attention.

SECTION. 6 REACTIVITY DATA

STABILITY: Stable

CONDITION TO AVOID; Heat, Spark, Open flame

INCOMPATIBILITY; May react with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS; may evolve noxious fumes such as carbon oxide,

nitrous oxide when involved in a fire burning.

HAZARDOUS POLYMERIZATION; Not expected.

SECTION. 7 SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED AND SPILLED; Wipe out and placed in a suitable covered container for disposal.

DISPOSAL METHOD; Dispose in accordance with local, country, state and federal regulation.

SECTION. 8 PROTECTION MEASURES

RESPIRATION; Use respirator, if necessary.

VENTILATION: Use general and local exhaust ventillation.

SKIN; Rubber gloves is recommended. EYE; Safety glasses is recommended.

OTHER; Use apron, coverall and boots, if necessary.

SECTION. 9 SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTION IN HANDLING AND STORING; Store in sealed container and keep away from

high temperature (40°C <), direct sunlight and excessive moisture.

AVERAGE SHELF LIFE; 6 months or more