



HOLLAND INK CORPORATION OF  
AMERICA  
185 Oval Drive Islandia, NY 11749

Material Safety and Data Sheet prepared by Wim De Boer

Material Safety Data Sheet  
Quickson Pro Series Colors

Date: 11/30/2006

		H	M	I	S	
		Hazard Ratings				Health 1
Minimal	0	Serious	3			
Slight	1	Severe	4	Flammability	1	
Moderate	2			Reactivity	0	

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR:  
Van Son Holland Ink Corporation of America  
185 Oval Drive Islandia, NY 11749  
Emergency Telephone: 631-715-7000

MANUFACTURER: VAN SON OF SOUTH KOREA

Chemtrec 24 Hour Emergency No-800-424-9300

Product Class: **Offset Ink Oxidizing Colors**  
Quickson Pro Series Colors: VS3110, VS3111, VS3112

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	WT %	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Organic Pigments	See Table 2	25 - 40	3.5mg/M3	3.5mg/M3	No
Synthetic Resins	Various	15 - 20	N/A	N/A	No
Vegetable Oils, includes Linseed Oil	Various	25 - 35	N/A	N/A	No
Hydrotreated, Light Paraffin	64742-55-8	15 - 25	5mg/M3	5mg/M3	No
C15 - 30					
Cobalt Drier	61789-52-4	0 - 1	0.1mg/M3	N/A	IARC
Manganese Drier	8030-70-4	0 - 1	5mg/M3	N/A	No
Polymeric Wax Blend	N/A	2 - 4	N/A	N/A	No

3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200 ..... Manganese Compound.....

4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

Eye Contact ..... Direct contact may cause irritation.  
 Skin Contact ..... Prolonged contact or repeated exposure may cause irritation.  
 Inhalation ..... Excess inhalation of mist or vapor may cause dizziness, nausea or irrita  
 ..... tion of nasal and respiratory passages.  
 Ingestion ..... May cause gastrointestinal irritation.  
 Medical Conditions aggravated by normal exposure: Persons with dermatitis should avoid skin contact.  
 Target Organs: ..... Skin, eyes, lungs.  
 Primary Routes of entry ..... Eyes, inhalation, dermal.

EMERGENCY FIRST AID PROCEDURES

Eye Contact ..... Flush with large amounts of water until irritation subsides.  
 ..... If irritation persists, contact a physician.  
 Skin Contact: ..... Wash with soap and water. Remove contaminated clothing and wash  
 ..... thoroughly before reusing.  
 Ingestion ..... If swallowed, do not induce vomiting. Call a physician.  
 Inhalation ..... Remove individual to fresh air.

**5. FIRE FIGHTING MEASURES**

Flash Point ..... Above 250 F Method Used: Closed Cup  
Explosion Limits ..... LEL: N/A UEL: N/A  
Extinguishing Media ..... Foam, carbon dioxide, dry chemical. Water spray may be applied to cool exposed closed containers.  
Unusual Fire and Explosion Hazards ..... Dense smoke may be generated when burning. Carbon Monoxide and Carbon Dioxide generated as combustion products  
Special Fire Fighting Procedures ..... Self-contained breathing apparatus recommended.

**6. ACCIDENTAL RELEASE MEASURES**

Procedure when material spilled or released: Wipe up. Dispose of wipes in approved waste containers. If petroleum Hydrocarbon is used, provide sufficient ventilation.  
Waste Disposal Method: Dispose of in accordance with Federal, State and Local regulations.

**7. HANDLING AND STORAGE**

Handling: Avoid storage below 32 & above 90 F. Keep containers closed when not in use.  
Other Precautions: None required.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation: Use sufficient ventilation.  
Protective Gloves: Gloves recommended.  
Respiratory Protection: None required.  
Eye Protection: Goggles recommended.  
Other Protection: None recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Viscous Paste	pH-Value	: N/A
Color	: Various	Freezing Pt./Range	: N/A
Odor	: Oily	Boiling Pt./Range	: >500 F
Odor Threshold	: N/A	Specific Gravity	: 1.00 - 1.05 68 F
Volatile Organic Compounds	: 12 - 18%	Autoignition Temp.	: N/A
Evaporation Rate vs. Butyl Acetate	: Slower	Vapor Pressure	: <0.04 psi 68 F
Vapor Density vs Air	: Heavier	Solubility in Water	: N/A

**10. STABILITY AND REACTIVITY**

Product Stability: Stable  
Conditions to Avoid: Strong oxidizing agents Avoid storage below 32 & above 90 F. Keep containers closed when not in use.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide and Smoke.

Hazardous Polymerization: Will not occur.

**11. TOXICOLOGICAL INFORMATION**

Carcinogen ..... Contains no materials that are considered carcinogenic by National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or OSHA.  
Mutagen ..... No  
Teratogen ..... No  
Reproductive Toxicity ..... No

**12. ECOLOGICAL INFORMATION**

This product has not been evaluated, but there is no evidence to suggest it will cause any significant environmental problem.

**13. DISPOSAL CONSIDERATIONS**

Material Released or spilled: This product is not regulated under the Federal Resource Conservation and Recovery Act (RCRA) as a hazardous waste. State and/or local regulations may apply. Spill should be contained, absorbed with suitable absorbent material and placed in suitable containers for disposal in a licensed facility in accordance with Local, State and Federal laws. Do not discharge into waterways or sewer systems.

**14. TRANSPORT INFORMATION**

DOT (HM 181) : Not required  
Shipping Labels: None required

**15. REGULATORY INFORMATION**

TSCA (Toxic Substance Control Act) ..... All ingredients listed in TSCA Inventory  
CERCLA Superfund 40CFR 117.302 ..... Contains no reportable materials  
SARA Title III ..... None  
FDA ..... This printing ink is not a food additive and would not have approval for direct or indirect contact with food.  
EINECS (European Economic Community) ..... All ingredients listed.  
California Proposition 65 ..... None  
CONEG Legislation ..... Meets all current State and Heavy Metal limitations.  
Canadian WHMIS ..... Non controlled product  
Vegetable Ink Printing Act of 1994 ..... Meets the 20% minimum requirement of vegetable oil in sheet fed inks

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