



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 Black

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
Product Class: **Offset Ink Oxidizing Black** - VS3113, VS3117
Trade Name: Quickson Pro

MANUFACTURER: VAN SON OF SOUTH KOREA
Chemtrec 24 Hour Emergency No-800-424-9300

2. INGREDIENT COMPOSITION INFORMATION

| Ingredient | CAS No. | WT % | OSHA (PEL) | ACGIH (TLV) | Carcinogen |
|---------------------------------------|-------------|---------|------------|-------------|------------|
| Carbon Black | 133-86-4 | 15 - 30 | 3.5mg/M3 | 3.5mg/M3 | No |
| Organic Pigments | See Table 2 | 2 - 10 | 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 C15 - 30 | 64742-55-8 | 15 - 25 | 5mg/M3 | 5mg/M3 | No |
| 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 Carbon Black, 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 irritation 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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