



HOLLAND INK CORPORATION OF
AMERICA
888 V&s Hwy. Hauppauge, NY 11788

**Material Safety Data Sheet -
Van Son Multi Drier**

Date 1-1-2012

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR: Van Son Holland Ink Corporation of America
888 V&s Hwy. Hauppauge, NY 11788
Emergency Telephone: 631-715-7000 (Day)
Product Class: Offset ink drier
Trade Name: Van Son Multi Drier

MANUFACTURER: Van Son Royal Dutch Printing
Ink Factories, Hilversum, Holland
Chemtrec 24 Hour Emergency No-800-424-9300
Manufacturer s Code ID: V4210, V4215

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	W T %	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Calcium Linoleate	19704-83-7	5-10	N/A	N/A	No
Zinc Oxide	1314-13-2	10-20	N/A	N/A	No
Vegetable Oil includes:	8001-various	40-60	N/A	N/A	No
Linseed Oil	8001-26-1				
Soya Oil	8001-22-7				
Canolin Oil	8002-13-9				

3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200 none

4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

Eye Contact Direct contact may cause severe irritation.
Skin Contact Prolonged contact or repeated exposure may cause irritation.
Inhalation Excess inhalation may cause irritation of nasal and respiratory passages.
Ingestion May cause gastrointestinal irritation if ingested.
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 Remove contaminated clothing and wash thoroughly before reusing. Wash affected skin areas with soap and water.
Ingestion Seek medical attention if irritation persists.
Inhalation If swallowed, do not induce vomiting. Call a physician or poison control center.
Inhalation Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point 250 F Method used: closed cup
Explosion Limits LEL:N/A UEL:N/A
Extinguishing Media Foam, carbon dioxide, dry chemical fire apparatus. Water spray may be applied to cool exposed closed containers.
Unusual Fire and Explosion Hazards None
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 for flammable liquids. 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 above 90 F. Keep containers closed when not in use.
 Other Precautions: Avoid contact with strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Use sufficient ventilation.	Respiratory Protection None recommended.
Protective Gloves Impermeable gloves recommended to prevent skin irritation and absorption.	Eye Protection Safety glasses recommended.
	Other Protection None recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs) 0.19 lbs./gallon	23 Grams/liter Method 24
Boiling Range °F: > 590	Freezing Point °F: N/A
Vapor Density vs. Air: Heavier	Vapor Pressure: .N/A
Density: 11.6 lbs./gallon ASTM D1475	Specific Gravity: 1.40
Type of Odor: Oily	Odor Threshold: N/A
Appearance: Gray paste	pH: N/A
Evaporation Rate vs. Butyl Acetate: Slower	Coefficient of Water/oil Distribution: N/A
Percentage Volatile By Weight: 2.1% ASTM D2369	

10. STABILITY AND REACTIVITY

Product Stability: Stable
 Conditions to Avoid: Strong oxidizing agents, acids and bases. Avoid storage 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 OSHA or the National Toxicology Program (NTP), or The International Agency for Research on Cancer (IARC)
 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 product 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.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of the knowledge of Van Son Holland Ink Corporation of America. The data on this sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The hazards covered are believed to be those most likely to occur in the reasonable or ordinary use of these materials. Van Son Holland Ink Corporation of America assumes no legal responsibility for use or reliance on this data.