



3650 East 93rd Street
Cleveland, OH 44105
For Health & Safety Questions call: (216) 271-2300 X-2808

MATERIAL SAFETY DATA SHEET

PRODUCT NAME(S):

FORMS HI-TONE DENSE BLACK

Product Number: K4681

Product class: Oxidizing Offset Ink

HMIS RATING

1 Health

1 Flammability

0 Reactivity

HAZARDOUS INGREDIENTS, IDENTITY INFORMATION:

Chemical Name	Cas# #	OSHA PEL (Oil Mist)	ACGIH TLV (Oil Mist)
TECHNICAL WHITE OIL	8042-47-5	5mg/M ³	5mg/M ³

There are no reportable ingredients in this formula.

PHYSICAL DATA:

Liquid Density: approx. 9.0 lbs/gal

Appearance: Colored Paste

VOC's by weight: 14%

Vapor Density (vs Air): Heavier

Odor: Slight Oily Smell

Evaporation Rate (vs Butyl Acetate): Slower

FIRE AND EXPLOSION DATA:

Flash Point: over 250F.

DOT - Not Regulated

Flammability Class: OSHA - IIIB

Extinguishing Media: Water Fog, Dry Chemical, Carbon Dioxide, Foam.

Unusual Fire And Explosion Hazards: Dense smoke may be generated while burning.

Special Fire Fighting Procedures: Water may be ineffective, but can be used to cool containers exposed to heat or flame.

REACTIVITY DATA:

Product Stability: Stable

Conditions To Avoid: Contact with strong oxidizing agents.

SPECIAL PRECAUTIONS:

HANDLING AND STORING: Keep containers closed when not in use. Keep containers away from excessive heat, sparks, open flame. Wash hands and face thoroughly before eating or smoking.

OTHER PRECAUTIONS: For industrial use only.

HEALTH HAZARD DATA:

EFFECTS OF OVEREXPOSURE:

SKIN: Prolonged or repeated exposure may cause irritation or dermatitis.

EYES: Contact may cause irritation.

INHALATION: Excessive inhalation of vapors may cause headache, dizziness, drowsiness, nausea.

INGESTION: May cause irritation or gastric disturbance.

PRIMARY ROUTE OF ENTRY: Skin contact.

FIRST AID PROCEDURES:

SKIN: Wash thoroughly with soap and water. Remove contaminated clothing.

EYES: Rinse thoroughly with water, at least 15 minutes. Consult physician.

INHALATION: Remove to fresh air. Apply artificial respiration and/or oxygen if needed.

Consult physician.

INGESTION: Do not induce vomiting. Consult physician.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Some skin disorders, such as dermatitis.

SPILL OR LEAK PROCEDURES:

PROCEDURE WHEN SPILLED OR RELEASED: Wipe up - Dispose of in containers approved for oily waste. Prevent run off to sewers, streams, or other waterways.

WASTE DISPOSAL: Landfill, or incineration, in accordance with Local, State, and Federal regulations.

SPECIAL PROTECTION INFORMATION:

VENTILATION: General, as specified by Local or State regulations.

PROTECTIVE GLOVES: As needed, to avoid prolonged skin contact.

RESPIRATORY PROTECTION: Not normally needed.

EYE PROTECTION: Safety glasses or goggles, especially when washing presses.

OTHER PROTECTIVE EQUIPMENT: Use gloves, apron, boots, impervious clothing as needed to avoid skin contact.

REGULATORY INFORMATION:

TSCA Status All ingredients in this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory

Chemical Name	CAS #	Regulation	Percentage
Not on list		CERCLA	
Not on list		HAP	
Not on list		NPRI (Cdn)	
Not on list		PROP 65	
Not on list		SARA 313	
Not on list		SARA EHS	

The following items require export notification for TSCA

Chemical Name

TSCA 12b list section

None

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, BRADEN SUTPHIN INK CO. MAKES NO WARRANTY WITH RESPECT HERE TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

Braden Sutphin Ink Company

Date: January 26, 2015

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MSDS for: K4681 FORMS Hi-Tone Dense Black