

SAFETY DATA SHEET



TECHNICAL INDUSTRIAL SALES
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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Black Stamp Pad Ink
Product Number: TIS-200LV
Date Prepared: July 15, 2016
Responsible name: Regulatory and Safety Compliance
Relevant uses of this product: For Marking and Grade Stamping lumber and plywood

SECTION 2. HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the Substance or mixture: Black Liquid, Slight Vegetable Oil Odor
Contains Vegetable Oil

GHS label elements:
Signal Word: None

Hazard Pictogram(s): None Required

Hazard statements: This product is not classified as hazardous according to CFR 1910.

Precautionary Statements:

Read label before use. Keep out of reach of children. If medical advice is needed have product container label or this SDS at hand.
Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed metal container to prevent this from occurring.

OSHA Hazards: No Known OSHA hazards

Potential Health Effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation
Ingestion: Food Ingredient. Not a hazardous substance.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Mixture

<u>Ingredient name:</u>	<u>CAS#:</u>	<u>Concentration:</u>
Canola Oil	8002-13-9	>50%

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Soybean Oil Ester 67784-80-9 3-4 %

GRAS Status: All ingredients are FDA GRAS

Hazard Status: No food ingredients are hazardous according to OSHA criteria.

SECTION 4. FIRST AID MEASURES

Description of necessary first aid measures:

EYE CONTACT: Flush eyes with water or special eyewash solution. Contact medical assistance if irritation persists.

INHALATION: Remove victim to fresh air in case of accidental inhalation of vapors or decomposition products. Keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur and persist.

SKIN CONTACT: Wash contaminated skin area with soap and plenty of water.

INGESTION: Ingestion of edible vegetable oil is nontoxic and should pass through the system.

Indication of immediate medical attention and special treatment needed, if necessary:

Notes to physician: Treat symptomatically.

Specific treatments: No specific treatment.

Section 5. Fire-fighting measures

Conditions of Flammability: Materials may pose fire hazard.

Suitable extinguishing media: Alcohol resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding area.

Special protective equipment for Firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Specific hazards arising from the chemical oil:

Risk of ignition. Rags and other materials containing this product may heat up and spontaneously ignite if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Avoid hot oil; if smoking occurs during application reduce or remove from heat.

Hazardous combustion products:

Hazardous decomposition products formed under fire conditions. Nature of decomposition products is not known.

SECTION 6. ACCIDENTAL SPILL OR RELEASE PROCEDURES

Personal precautions, protective equipment and emergency procedures:

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Wear suitable protective equipment. Refer to

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protective measures listed in Sections 7 and 8.

Environmental precautions:

Ensure spilled material and runoff does not enter drains, sewers, waterways, or confined spaces.

Methods and materials for containment and cleaning up:

Small spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Use only in well-ventilated areas. Wear appropriate protective equipment during handling. Avoid contact with eyes and skin and clothing. Keep away from extreme heat and flame. Keep containers tightly closed when not in use. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatible Materials:

Oxidizing agents reducing agents Acids, Chlorates, Anhydrides.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

Exposure Limits: Contains no substances with occupational exposure limited values.

PPE:



Respiratory protection:

Respiratory protection not required. For nuisance exposures use type OV/AG or type ABEK respiratory cartridges.

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Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after using product.

Eye Protection: Use equipment for eye protection tested and approved under appropriate government Standards such as NIOSH (USA) and EN 166 (EU). Oil in eye must be flushed with water or special first aid eye wash continuously.

Skin and Body protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace.

General Hygiene Considerations:

Avoid breathing vapors or mists. Avoid contact with skin, eyes, and clothing. Wash contaminated clothing before reuse. Upon completion of work, wash hands before eating, drinking, Smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid Marking Ink Concentrate
Color:	Black
Odor:	Mild Characteristic Odor
Boiling Point:	>300 deg. F
Vapor Pressure:	No Information Available
Vapor Density:	No Information Available
Specific Gravity:	7.90 (lbs/gal)
Density;	.95
% Solids Weight:	Not Applicable
Percent Volatiles:	Approx. 37% by vol. as vegetable oil
VOC:	0%
HAPS:	None
Evaporation Rate:	Not determined for product
PH:	Not Available for Product
Flash Point:	Initial >300 F
Flammability:	NA
Solubility:	Not Readily Dispersible in Water
Viscosity:	Set to Customer Requirements
Evaporation Rate (BuAcet=1):	Not Determined

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	This product is stable under recommended storage conditions (<120F)
Possibility of Hazardous Reaction:	None Known
Conditions to Avoid:	None Known
Materials to Avoid:	Strong Oxidizing Agents
Hazardous Decomposition Products:	Formed under fire conditions. Nature of decomposition not known. Other decomposition products-no data available

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Other materials to Avoid: Rags used for clean-up (Clean or Contaminated) can combust if conditions are adequate. Keep in safe place or dispose of rags after usage in an enclosed metal container.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral: LD50 no data available
Inhalation: LD50 no data available
Dermal: LD50) no data available

Skin corrosion: No data available

Serious Eye Damage: No data available

Respiratory or skin sensitization:No data available

Carcinogenicity IARC: No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by IARC.

Carcinogenicity ACGIH: No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by ACGIH.

Carcinogenicity NTP: No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by ACGIH.

Carcinogenicity OSHA: No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data available.

Specific target organ toxicity: No data available

Aspiration Hazard: No data available

Potential Health Effects:

Inhalation: May be harmful if inhaled.
Ingestion: The material is a non hazardous food ingredient.
Skin: May be harmful if absorbed through skin.
Eyes: May cause eye irritation.

Signs and symptoms of exposure:
No data available

Synergistic effects: No data available

Additional information: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity: Contains no substances known to be hazardous to the environment

Persistence and degradability: Readily biodegradable. Contains no substances known to be not degradable in waste treatment facilities.

Bio accumulative potential: Not applicable

Mobility: Oil is insoluble in water and will float in water..

PBT and vPVB Assessment: No data available

Other adverse effects: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle: Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste disposal methods: Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers.

Contaminated packaging: Containers should be decontaminated and taken for local recycling, recovery or waste disposal facility. Follow local, state and federal guidelines.

SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Black Stamp Pad Ink (TIS-200LV FLO-MARK)

DOT (US), Canada (TDG), Mexico (MEX): Not regulated; Not dangerous goods.

IMDG: Not regulated; Not dangerous goods.

ICAO: Not regulated; Not dangerous goods.

IATA: Not regulated; Not dangerous goods.

SECTION 15. REGULATORY INFORMATION

U.S. and International Inventories:

The components of the product are reported in the following inventories:

Chemical Name:	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS	ISHL	CHINA	PICCS	KECL	NZloc
	Yes	Yes	No	No	No	No	No	No	No	Yes	No	Yes

Legend:

TSCA: Toxic Substances Control Act Section 8(b) Inventory

DSL: Domestic Substances List (Canada)

NDSL: Non Domestic Substance List (Canada)

EINECS: European Inventory of existing commercial chemical substances

ELINCS: European List of Notified Chemical Substances

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AICS: Australian Inventory of Chemical substances
ENCE: Existing and new Chemical Substances (Japan)
ISHL: Industrial Health and Safety Law (Japan)
CHINA: Chinese Inventory of Existing Chemical Substances (China)
PICCS: Inventory of Chemicals and Chemical Substances (Phillippines)
KECL: Korean Existing and Evaluated Chemical Substances (Korea)
NZloC: New Zealand Inventory of Chemicals (New Zealand)

USA: **OSHA Hazards**

No known OSHA hazards

SARA 302 Components:

SARA 302: No Chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold.

(De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

No SARA Hazards

Massachusetts Right To Know Components:

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania & New Jersey Right to Know Components:

Soybean oil extractives and their physically modified derivatives. Consists primarily of glycerides of the fatty acids linoleic.

CAS-No. 8001-22-7 Revision Date 1989-08-11

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61).Product is not known to contain HAPS.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, Birth defects, or any other reproductive harm.

Canadian Information:

Domestic transport regulations. WHMIS Information.

Not a WHMIS controlled product.

No known component is listed on the WHMIS ingredients disclosure list.

NPRI Canadian National Pollutant Release Inventory. No known component is listed on the WHMIS ingredients disclosure list.

Mexico :

Mexico- Grade Slight risk, Grade 1

SECTION 16. OTHER INFORMATION

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National Fire and Protection Association (U.S.A) HMIS

Health	0	Health	0
Flammability	1	Fire	1
Instability/ Reactivity	0	Reactivity	0
		Physical Hazard	B

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Updated: August 23, 2016