

MATERIAL SAFETY DATA SHEET

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SECTION I

PRODUCT CLASS: Ink Solvent
TRADE NAME: Concentrated Liquid Tack Reducer
PRODUCT NUMBER: S-5

SECTION II — HAZARDOUS COMPONENTS

component	CAS №	OSHA PEL	ACGIH TLV	WT.%
Technical White Oil	8042-47-5	*TWA 5 mg/m ³	*TWA 5 mg/m ³ *STEL 10 mg/m ³	100

*Only if misting occurs

This product is not considered hazardous under the OSHA Hazard Communication Standard, 29CFR 1910.1200.

SECTION III — PHYSICAL DATA

BOILING RANGE (°F): 580 -675
VAPOR DENSITY VS. AIR: Heavier
EVAPORATION RATE VS. BUTYL ACETATE: Slower
SOLUBILITY IN WATER: No
SOLUBILITY IN HYDROCARBONS: Yes
APPEARANCE: Clear Liquid
TYPE OF ODOR: Mild Hydrocarbon Odor
SPECIFIC GRAVITY: 0.83 @ 60°F
% VOLATILES BY VOLUME: 39

SECTION IV — FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION **FLASH PT. (°F)** 305°F
OSHA: CLASS III B **DOT:** Not Regulated **(Method used):** ASTM D-93 (PMCC) **LEL:** 1.1
AUTOIGNITION TEMP (°F): 428° **UEL:** 6.0

EXTINGUISHING MEDIA: Use fog, foam, CO₂ or dry chemical .

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be generated when burning.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

SECTION V — HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Exposure to a large dose or repeated small doses of mineral oil by inhalation, aspiration, or ingestion may cause aspiration which can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic localized tissue reactions. Shortness of breath and cough are the most common symptoms.

MEDICAL CONDITION PRONE TO AGGRAVATION BY EXPOSURE: This product is not expected to cause any skin irritation, however products with similar chemical composition have resulted in slight dermal irritation in laboratory animals.

PRIMARY ROUTE(S) OF ENTRY: DERMAL

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. However, caution should be taken to prevent aerosolization or misting of this product. If aerosolization or misting occurs, remove to fresh air.

Eyes: Flush with water for 15 minutes. Call physician.

Skin: Remove contaminated clothing and wash contaminated skin with soap and water.

Ingestion: DO NOT induce vomiting. If vomiting occurs, lower head below knees to avoid aspiration. Seek immediate medical attention

SECTION VI — REACTIVITY DATA

PRODUCT STABILITY: STABLE

CONDITIONS TO AVOID: Heat, sparks, open flames and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and N_xO on burning.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII — SPILL OR LEAK PROCEDURES

PROCEDURE WHEN MATERIAL SPILLED OR RELEASED: Contain spill immediately. Do not allow spill to enter sewers or watercourses. Absorb with appropriate inert material such as sand, clay, etc. Large spills may be picked up using vacuum pumps, shovels, buckets or other means and placed in drums or other suitable containers.

WASTE DISPOSAL METHOD: In accordance with Federal, State, and Local regulations.

SECTION VIII — SPECIAL PROTECTION INFORMATION

VENTILATION: Under normal conditions, general ventilation or local exhaust ventilation or as specified by Local or State requirements. If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

PROTECTIVE GLOVES: None required normally. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.).

RESPIRATORY PROTECTION: None required normally. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified.

EYE PROTECTION: None required in normal usage. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof, safety goggles.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX — SPECIAL PRECAUTIONS

HANDLING: Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106--Flammable and Combustible Liquids.

STORAGE: Store in sealed containers away from heat, sparks, open flames, and oxidizing materials. Fire extinguisher readily available and personnel trained in its proper use.

PERSONAL HYGIENE: Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking or smoking.

OTHER PRECAUTIONS: FOR INDUSTRIAL USE ONLY. DO NOT TAKE INTERNALLY. DO NOT REUSE CONTAINER FOR OTHER PURPOSES.

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