



S150-32, S150-6 VINYL SOLVENT

Written by Super User. Posted in [MSDS SHEETS](#)

SECTION I - PRODUCT IDENTIFICATION

Product Name: **S150-32, S150-6 VINYL SOLVENT**

Revision: 10/01/02

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Toluene	N/A	N/A	N/A	108-88-3
Aliphatic Petroleum Distillates	N/A	N/A	N/A	64742- 89-8
Acetone	N/A	N/A	N/A	67-64-1
Isopropanol	N/A	N/A	N/A	67-63-0
Methyl Ethyl Ketone	N/A	N/A	N/A	78-93-3

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: 133.0°F @ 760 mmHg **SPECIFIC GRAVITY (H2O=1):** .784 - .816 @ 68.00°F

VAPOR PRESSURE (mm Hg): 185.000 mmHg **MELTING POINT:** N/A

VAPOR DENSITY (AIR = 1): N/A **EVAPORATION RATE (Butyl Acetate = 1):** Slower than ethyl ether

SOLUBILITY IN WATER: N/A **APPEARANCE AND ODOR:** Clear and particle free

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): <-1.0°F

FLAMMABLE LIMITS LEL: 1.2% UEL: 12.8%

EXTINGUISHING MEDIA: WATER FOG x STANDARD FOAM x CO₂ x
 DRY CHEMICAL x HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SPECIAL PRECAUTIONARY STATEMENTS:

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of the MSDS.

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Avoid contact with: acetaldehyde, acids, chlorine, ethylene oxide, isocyanates strong oxidizing agents, Do not use with aluminum equipment at temperatures above 120°F.

Hazardous Decomposition: May form: carbon dioxide and carbon monoxide, various hydrocarbons.

HAZARDOUS POLYMERIZATION: May Occur xWill not occur

Conditions to Avoid: N/A

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

- INGESTION:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.
- EYES:** Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
- INHALATION:** Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
- SKIN:** Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

EMERGENCY AND FIRST AID PROCEDURES

- INGESTION:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advise about whether to induce vomiting. If possible, do not leave individual unattended.
- EYES:** If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.
- INHALATION:** If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
- SKIN:** Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Absorb liquid on vermiculite, floor

STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:	<p>absorbent or other absorbent material. Persons not wearing proper personal protective equipment should be excluded from area of spill.</p> <p>Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks).</p>
WASTE DISPOSAL METHOD:	<p>Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.</p>
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	<p>Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapors, liquid, and /or solid), all hazard precaution given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Precautions during use: avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reached a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Do not store near extreme heat, open flame, or sources of ignition.</p>
OTHER PRECAUTIONS:	N/A

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:	If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see you industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.
VENTILATION:	N/A
LOCAL EXHAUST:	N/A
PROTECTIVE GLOVES:	Wear resistant gloves (consult you safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
EYE PROTECTION:	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representatives.

SECTION IX: SPECIAL PRECAUTIONS

HEALTH:	<u>HAZARD RATING KEY</u>
FLAMMABILITY:	0 = MINIMAL
REACTIVITY:	1 = SLIGHT
PERSONALPROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

Disclaimer: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.