



MATERIAL SAFETY DATA SHEET

LAP SEALANT HS

Section One

PRODUCT INFORMATION

MSDS No. 0575

Manufacturer's Name: ADCO Products, Inc. Business Phone No: 1-517-764-0334
 Manufacturer's Address: 4401 Page Ave.
 P.O. Box 457 Emergency Phone No: 1-800-424-9300
 Michigan Center, MI 49254 (CHEMTREC)

Product Name: **Lap Sealant HS**
 LVOC Black Lap Sealant

Proper Shipping Name: Adhesive, Containing Flammable Liquid UN1133, PGII

Section Two

HAZARDOUS INGREDIENTS INFORMATION

Chemical Name	CAS No.	% by Weight	ACGIH TLV	OSHA PEL
Aliphatic Solvent Naphtha	064742-47-8	10-20%	300 ppm	500 ppm
Carbon Black	001333-86-4	<2%	3.5 mg/m ³ (TWA)	
Quartz (SiO ₂)	14808-60-7	<1%	0.1 mg/m ³ (TWA)	
Non-Hazardous Ingredients		80-90%		

Section Three

PHYSICAL AND CHEMICAL DATA

Physical State: Paste
 Appearance & Odor: Black paste with aliphatic solvent naphtha odor.
 Boiling Point: 240°F
 Specific Gravity (water = 1): 1.35
 Evaporation Rate (ethyl ether = 1): 9.2
 Percent Volatiles: Maximum 20%
 Solubility in Water: < 0.5%.
 Vapor Pressure: 45 mm Hg @ 78°F, 26°C
 Vapor Density (air = 1): 3.8
 Percent Solids (by weight): 80% minimum
 V.O.C. Content: 250 g/l maximum

Section Four**FIRE & EXPLOSION HAZARD DATA**

Flash Point: 50°F Method Used: Tag closed cup.
Flammable Limits: LEL: 0.9 UEL: 6.7

Proper Extinguishing Media: Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire exposed containers cool.

Recommended Firefighting Procedures: Treat as a class "B" fire. Limit fire fighting to those trained to do so. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop the leak. Minimize breathing gases, vapor, fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground and be ignited by ignition sources distant from the handling point. Residue in "empty" containers may be explosive if exposed to an ignition source. To prevent fire or explosion from static accumulation and discharge, effectively ground the product transfer system.

Section Five**HEALTH HAZARD DATA**

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin, and pulmonary disorders may be aggravated by exposure to this product.

Primary Route of Entry: Skin absorption yes
 Inhalation yes
 Ingestion yes
 Eye contact yes

Signs and Symptoms of Exposure:

Eye Contact: Can cause severe irritation, redness, tearing, blurred vision

Skin Contact: Can cause redness, irritation, de-fatting, dermatitis.

Inhalation: Prolonged inhalation of vapors may cause irritation of the respiratory tract. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Section Five

(Continued)

Emergency and First Aid Procedures:

- In Eyes: Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.
- On Skin: Wash with soap and water. Get medical attention if irritation persists.
- Inhaled: Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.
- Ingested: Do not induce vomiting. Get medical attention.

Acute Effects of Overexposure: Irritation, redness.

Chronic Effects: (include all potential carcinogens present @ 0.1% or greater) *Exposure to respirable carbon black will not be possible with this product under normal conditions of use. Exposure to respirable quartz will not be possible with this product under normal conditions of use.*

Carcinogenicity: NTP? No IARC Monographs? Yes OSHA regulated? No

Section Six**REACTIVITY DATA****Stability:** Stable.**Conditions to Avoid:** None known.

Hazardous Decomposition Products: In the event of partial combustion, fumes, smoke, carbon monoxide, aldehydes, and other decomposition products may be released.

Hazardous Polymerization: Will Not Occur**Incompatibility:** None Known.**Section Seven****PRECAUTIONS FOR SAFE HANDLING AND USE**

Ventilation: General exhaust as needed to keep TLV below recommended levels if engineering or administrative controls are not adequate.

Personal Protective Equipment:

Respirator: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain solvent TLV below recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.

Gloves: Buna-N, if needed.

Eye Protection: Safety glasses with side shields if needed.

Other Protective Clothing/Articles: To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

Work/Hygienic Practices: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and laundry before reuse. Cleanse skin thoroughly after contact, before work breaks and meals, and at the end of the work day. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water.

Section Seven**(Continued)**

Steps To Be Taken in Case Material is Released or Spilled: Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

Waste Disposal Method: If this product becomes a waste, it is considered a hazardous waste due to its ignitability. Dispose of in accordance with local, state, and federal environmental and waste regulations.

Storage and Handling Procedures: Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned.

Section Eight**REGULATORY INFORMATION**

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

If this product becomes a waste, it meets the criteria of a hazardous waste as defined under RCRA 40CFR261: ignitability.

Hazardous Materials Identification System (HMIS):

Health Hazard Rating:	1 CAUTION Irritation or minor reversible injury possible.
Flammability Hazard Rating:	3 WARNING Material capable of ignition under almost all normal temperature conditions.
Reactivity Hazard Rating:	0 Normally stable and will not react with water.
Personal Protective Equipment:	B Safety glasses and gloves.

EPA SARA Title III hazard class (40CFR370): Acute Health, Hazard Chronic Health Hazard, Fire Hazard

EPA SARA Title III Section 313 (40CFR372): There are no listed toxic chemicals present in quantities greater than the *de minimis* level

EPA SARA Title III (40CFR355): There are no components present in this product at a level which would require reporting.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains no listed substances, which the State of California has found to cause cancer, birth defects, or other reproductive harm, in a form which would require a warning under the statute.

Date of Preparation: October 23, 2009

Revision: 007 Supersedes MSDS Dated: May 19, 2009

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION NOR DO WE OFFER WARRANTY AGAINST PATENT INFRINGEMENT.