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## LAP SEALANT

**SECTION I**

CHEMICAL NAME & SYNONYMS: Acrylonitrile/Butadiene/Styrene Thermoplastic Powders  
CHEMICAL FAMILY: Acrylonitrile/Butadiene.Styrene  
TRADE NAME & SYNONYMS: Hydro-Seal Lap Sealant  
FORMULA: N.A.

**SECTION II – HAZARDOUS INGREDIENTS**

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
METHYL ETHYL KETONE	78-93-3	58.0	200 ppm

**SECTION III – PHYSICAL DATA**

BOILING POINT (°F):	176	PERCENT VOLATILE BY VOLUME:	
VAPOR PRESSURE (mmHg @ 20°C):	71.2		32.5
VAPOR DENSITY (AIR=1):	2.4	EVAPORATION RATE (BUTYL ACETATE=1):	
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	.888	(ETHER = 1) :	2.7

SOLUBILITY IN WATER: Insoluble in water.  
APPEARANCE AND ODOR: Black viscous liquid, aromatic odor.

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

FLASH POINT (METHOD USED): 25 F (tag open cup)  
FLAMMABLE LIMITS: LEL: 1.8, UEL: 10.0  
EXTINGUISHING MEDIA: Foam, dry chemical, CO<sub>2</sub>  
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool adjacent surfaces and fire exposed containers.  
Protect against inhalation of combustion products.  
UNUSUAL FIRE/EXPLOSION HAZARDS: Flammable liquid.

**SECTION V – HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE(S): N.D.

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Vapor is irritating to eyes and mucous membranes. Excess exposure can cause dizziness, headache, narcosis and CNS depression. Liquid can cause eye and skin irritation. With respect to the ethylene glycol, ingestion causes drunkenness, rapidly passing into coma and associated serious kidney injury.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water and call physician  
SKIN: Clean with rubbing alcohol, followed by soap and water.  
INHALATION: Remove to fresh air. Administer oxygen or artificial respiration if necessary. Contact physician.  
INGESTIONS: Contact physician immediately.

**SECTION VI – REACTIVITY DATA**

STABILITY: Stable at ambient temperatures and pressures.  
CONDITIONS TO AVOID: N.D.

HAZARDOUS POLYMERIZATION: N.D.  
CONDITIONS TO AVOID: N.D.

INCOMPABILITY (MATERIALS TO AVOID): Strong oxidizers, acids & bases.  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen (burning)

**SECTION VII – SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove ignition sources. Absorb on inert material. Use non-sparking tools. Transfer to secure containers for disposal. Use protective equipment

WASTE DISPOSAL METHODS: AS a hazardous waste in accordance with EPA/RCRA regulations 40 CFR 261.21  
(a) (1): Ignitability: D001

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

VENTILATION (TYPE): Local exhaust to minimize vapor exposure  
RESPIRATORY PROTECTION: NIOSH certified protection in absence of adequate ventilation.  
PROTECTIVE CLOTHING & EQUIPMENT: Impervious gloves and goggles.

**SECTION IX – SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid all personal contact. Observe good personal hygiene. Store and use away from all sources of direct heat and ignition. Keep containers closed when not in use.

*Information presented herein has been compiled from sources considered to be dependable and current, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of this information for his safe use of this product, and to adopt such proper safety precautions as may be necessary to provide adequate worker and plant protection.*