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24 hr. EMERGENCY CHEMTREC:
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PRODUCT: SealTek 1120

MSDS ID: ND3548

ORIG. DATE: 11/24/2008

REV. DATE:

REV. DATE:

PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: *2 F: 1 R: 1 PPE:

COMPONENTS		CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Isobornyl Acrylate Esters	80	5888-33-5	45-55	n.e.	n.e.	
Urethane Acrylate	421	Trade Secret	30-35	n.e.	n.e.	
Isobutylene Copolymer	Z99	9003-29-6	10-15	n.e.	n.e.	
Organic Peroxide	273	Mixture	3-5	n.e.	n.e.	
Photochemical	364	Mixture	1-3	n.e.	n.e.	1 mg/m ³ mfg IEL
Graphite	48	7782-42-5	1-3	n.e.	2 mg/m ³	

All ingredients are listed on the TSCA Inventory.

n.a.= not applicable / n.e.=not established

SECTION II -Physical and Chemical Characteristics

BOILING POINT: >527°F

VAPOR DENSITY: n.e. air = 1

VAPOR PRESSURE: n.e.

MELTING POINT: n.a.

SPECIFIC GRAVITY: 0.96 water = 1

EVAPORATION RATE: n.e.

WATER REACTIVE: No

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Black liquid with a slight odor.

VOC #/US gal. : n.e.

DENSITY OF COATING: 8.03 lb/gal

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: >230°F

AUTOIGNITION TEMPERATURE: >734°F

FLAMMABILITY LIMITS % IN AIR: LEL: n.e. UEL: n.e.

EXTINGUISHER MEDIA: Dry chemical, CO₂, or foam.

SPECIAL FIREFIGHTING PROCEDURES: Use water spray or fog for cooling. Fire fighters should wear full protective gear.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: Fire temperatures may cause closed containers to rupture or burst violently. Water may be ineffective for fire fighting due to low solubility.

MATERIAL SAFETY DATA SHEET

PRODUCT: SealTek 1120

SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X **unstable:**
HAZARDOUS POLYMERIZATION: **may occur:** X **will not occur:**
CONDITIONS TO AVOID: High temperatures, open flame, sparks or other ignitions sources, inhibitor depletion, oxidizers, ultraviolet light or radiation

INCOMPATIBILITY: Oxidizing agents, inert gases, strong reducing agents, polymerization initiators, oxygen scavengers.

HAZARDOUS DECOMPOSITION PRODUCTS: Acrid smoke and fumes, carbon monoxide, carbon dioxide, nitrogen oxides.

SECTION V - Health Hazard Data

PRIMARY ROUTES OF ENTRY: **INHALATION:** X **INGESTION:** **SKIN ABSORPTION:** X

EYE CONTACT: May cause eye irritation characterized by excessive tearing, blinking and redness.

FIRST AID: Immediately rinse eyes with clean water for 20-30 minutes, retracting eye lids often. If symptoms develop or persist seek medical attention.

SKIN CONTACT: May cause skin irritation characterized by localized redness, rash or swelling. May cause allergic skin reaction (sensitization) in susceptible individuals upon repeated exposure.

FIRST AID: Wash exposed skin with soap and water for 15 minutes. If sticky use waterless cleaner first. Remove any contaminated clothing. If symptoms develop seek medical attention.

INHALATION: May cause mild respiratory irritation characterized by chest discomfort, coughing, shortness of breath and mucous production.

FIRST AID: Remove to fresh air. Seek medical attention.

INGESTION: Unlikely to occur under normal use conditions. May be slight health hazard if ingested in large quantities.

FIRST AID: Seek medical attention.

CHRONIC EFFECTS: May cause sensitization upon repeated skin contact.

Carcinogenic: No

MATERIAL SAFETY DATA SHEET

PRODUCT: SealTek 1120

Component	Oral LD50	Dermal LD50	Inhalation LC50
Isobornyl Acrylate Esters	n.e.	n.e.	n.e.
Urethane Acrylate	n.e.	n.e.	n.e.
Isobutylene Copolymer	>34600 mg/kg (rat)	10250 mg/kg (rat)	4820 mg/m ³ /4 hrs (rat)
Organic Peroxide	>5000 mg/kg (rat)	n.e.	n.e.
Photochemical	n.e.	n.e.	n.e.
Graphite	n.e.	n.e.	n.e.

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Not required under normal use conditions. If used at elevated temperatures, or mists/vapors are generated during use a NIOSH approved respirator should be worn.

PROTECTIVE GLOVES: Use chemical resistant gloves such as nitrile.

EYE PROTECTION: Use splash goggles and full face shield if splash hazard exists.

VENTILATION TO BE USED: **LOCAL EXHAUST:** x **MECHANICAL:** **SPECIFIC:**
OTHER (specify): General room ventilation or localized exhaust is adequate. At elevated temperatures or where mists or vapor may be present a NIOSH approved respirator should be worn.

PROTECTIVE CLOTHING AND EQUIPMENT: Depending on use conditions apron, boots, head and face protection should be worn.

HYGIENIC WORK PRACTICES: Eye wash/shower stations should be available in work area. Wash hands before eating, drinking, smoking or using toilet.

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Spilled material may polymerize and release heat/gases. Remove all ignition sources. Only trained personnel should clean a chemical spill. Wear protective equipment. Dike and recover large spill. Soak up small spills using inert material such as vermiculite, clay, etc. Sweep spilled material into appropriate container for disposal.

WASTE DISPOSAL METHODS: Dispose of in accordance with all local, state and federal regulations. This product may not be a RCRA hazardous waste. It is the responsibility of the waste generator to determine at the time of disposal whether this product is a hazardous waste.

SAFE HANDLING AND STORAGE: Do not freeze. Store indoors above 32°F and below 100°F. Avoid prolonged exposure to temperatures above 100°F. Keep container tightly closed when not in use. Store in a well ventilated area. Prevent contact with moisture. Do not blanket with inert gas.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

Do not use localized heat sources such as band heaters, or steam. If product must be heated use hot box or hot room. The maximum temperature of the hot box/room should be no greater than 140°F. Do not heat for more than 24 hours.

RECOMMENDED NFPA/HMIS RATING

HEALTH *2

FLAMMABILITY 1

REACTIVITY 1

PERSONAL PROTECTION

note: ratings may differ according to application, environment, and physical state.

MATERIAL SAFETY DATA SHEET

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NOTES:

NB115P101

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
	None	

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent & Reproductive Toxin</u>
None					

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