

## Material Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY INFORMATION

Surebond, Inc.  
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### SUREBOND 190

Intended Use of Product: Adhesive

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Synthetic Rubber - Resin

### SECTION 3: HAZARDOUS INGREDIENTS

#### Hazardous Ingredients

<u>Component</u>	<u>CAS#</u>	<u>% by wgt (1)</u>	<u>PEL</u>	<u>TLV</u>
N-Heptane	142-82-5	10 – 15	500 ppm	400 ppm
Toluene/Tolulol	106-86-3	30 – 40	200 ppm (2)	100 ppm
Amorphous Fused Silica (cab-o-sil)	7631-86-9	5 - 10	(footnote 3)	0.1 mg/M <sub>3</sub> (respirable dust)

- (1) Typical amount, not a specification  
(2) Acceptable ceiling 300ppm. Acceptable maximum peak above the acceptance ceiling concentration for an 8-hour shift is 500 ppm in 10 minutes.  
(3) Reference 29 CFR 1910.000. Table Z-3, 80 mg/M<sub>3</sub> divided by % SiO<sub>2</sub>

### SECTION 4: PHYSICAL DATA

Percent Volatile by Volume: 48%                      Odor: Aromatic Hydrocarbon  
Boiling Point: 209 F (based on N-heptane)                      Specific Gravity: 0.92  
Vapor Density: >1                      Solubility in Water: Insoluble  
Appearance: Mastic                      Vapor Pressure: 40mm @22.3 C (based on N-heptane)

### SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flammable Limits: Lel - 1.05% / Uel 6.7%  
(both based on N-Heptane)                      Special Fire Fighting Features: Wear NIOSH-MSHA approved self-contained breathing apparatus. Other protective equipment as appropriate. Use water spray to cool fire-exposed containers.  
Flash Point: 33 F  
Extinguishing Media: Dry chemical, foam or carbon dioxide