



## Material Safety Data Sheet

### Resin – Part 1

Resin component of the formulated polyurethane system for *americanconcrete* HF – Part 1

#### Component Composition Information

**Description:** Vegetable oil based product

#### Hazard Identification

**Designation:** Hazard warning not required

**Information:** This product has a very low order of toxicity and does not represent a significant health hazard to users. However, the product does contain components of an organic nature and the hazard assessment is based on a consideration of these components. Prolonged contact with skin should be avoided as irritation may occur. Avoid contact with eyes.

#### First Aid Measures

**General:** Remove soiled clothing immediately.

**After Inhalation:** Move victim to fresh air and allow to rest. In case of breathing difficulties or distress, seek medical attention.

**After Skin Contact:** Remove contaminated clothing. Wash immediately with plenty of soap and water. In case of persistent irritation/rash, seek medical attention.

**After Eye Contact:** Rinse immediately with plenty of water. Continue for 15 minutes and seek medical attention.

**After Swallowing:** In case of large intake, seek medical attention.

#### Fire Fighting Measures

**Suitable Extinguishing Media:** Powder, foam, carbon dioxide. Do not use water jet.

**Special Hazards:** Toxic gases and vapours produced in a fire.

**Protective Equipment:** Self contained breathing apparatus.

#### Accidental Release Measures

**Safety Precautions:** Avoid skin and eye contact. Wear goggles/visor, impervious gloves and protective clothing. Ensure area is well ventilated or use respiratory protection.

**Environmental Precautions:** Remove sources of ignition. Do not allow product to reach sewage system or any watercourse. Prevent seepage into workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system.

**Clean-up Procedure:** Cover spills with absorbent. Ensure adequate ventilation.

#### Handling and Storage

**Handling:** Ensure good ventilation/exhaust system at the workplace.

**Storage:** Store in cool location.

**General:** Keep receptacle tightly sealed. Store in cool, dry conditions.

#### Exposure Controls/Personal Protection

**Exposure limits:** None established

**Respiratory Protection:** Organic vapour cartridge masks in poorly ventilated areas.

**Hand Protection:** Impervious gloves (e.g. nitrile rubber)

**Eye Protection:** Goggles / glasses

**Skin Protection:** Overalls

**Hygiene Measures:** Keep away from foodstuffs, beverages and feed. Remove all soiled/contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

#### Physical and Chemical Properties

**Form:** Liquid

**Colour:** Pale Yellow

**Odour:** Weak

Value/Range	Unit	Method
<b>Boiling point:</b>	> 200	°C
<b>Flash point:</b>	> 200	°C Closed cup
<b>Explosive limits:</b>	No data	
<b>Density:</b>	0.95-1.05	g/cm <sup>3</sup> @ 20°C
<b>Viscosity:</b>	590-630	mPas @ 20°C
<b>Non volatile content:</b>	> 90%	
<b>Solvent content:</b>	< 10%	

#### Stability and Reactivity

**Stability:** Stable

**Conditions to avoid:** High temperatures

**Materials to avoid:** Possibility of spontaneous ignition of rags, sawdust or powders impregnated with the substance.

**Hazardous Decomposition Products:** Toxic carbon oxides produced in fire.

#### Toxicological Information

**Primary Irritant Effects:**

**On the skin:** May cause skin irritation

**On the eyes:** May cause eye irritation

**Sensitization:** Unlikely



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Although no toxicity testing has been carried out on this product, its components are regarded as being of minimal toxicity.

### **Ecological Effects**

Do not allow product to escape into ground water, water course, sewage system or soil. Product is unlikely to have a harmful effect on aquatic life.

### **Disposal Considerations**

**Substance:** Burn in compliance with operative regulations in a hazardous waste incinerator. Do not dispose of with household garbage. Do not allow to reach sewage system.

**Container:** Can be re-used after cleaning. Dispose of washing solution in the same way as product.

### **Transport Information**

Product is not regulated for transport purposes.

### **Regulatory Information**

**EC guideline markings:** In accordance with EC Directives/Ordinance.

**Hazard Designation:** Not classified as dangerous for supply according to CHIP regulations (as amended) 1997.

### **Other information**

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