

**Section 1 Identification**

**Product Name**

Band Saw Tire Cement

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Contact Adhesive – For Industrial Use Only

**Details of the supplier of the safety data sheet**

Freeman Manufacturing & Supply Company  
1101 Moore Road, Avon, OH 44011 USA  
Telephone: (440) 934-1902  
Email: contactus@freemansupply.com

**24 Hour Emergency Telephone Number**  
CHEMTREC (800) 424-9300

**Section 2 Hazards Identification**

**GHS Classification**

Flammable Liquid, Category 2  
Reproductive Toxicity, Category 2  
Aspiration Hazard, Category 1  
Specific Target Organ Toxicity, repeated exposure, Category 2  
Specific Target Organ Toxicity, single exposure, Category 3  
Skin Irritation, Category 2  
Eye Irritation, Category 2A

**GHS Label Elements**



**Signal word:** Danger

**Hazard Statements**

H225 Highly flammable liquid and vapor.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary Statements**

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wear protective gloves / eye protection / face protection.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Ground/bond container and receiving equipment.  
Use only non-sparking tools. Take precautionary measures against static discharge.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Do not handle until all safety precautions have been read and understood.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Section 2 Hazards Identification**

If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 Get medical advice/attention if you feel unwell.  
 If swallowed: Immediately call a POISON CENTER/ doctor. Do NOT induce vomiting.  
 If exposed or concerned: Get medical advice/attention.  
 Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified (HNOC) or not covered by GHS**  
 None known

**Section 3 Composition/Information on Ingredients**

**Mixture**

Ingredient Name	CAS Number	Concentration %
Methyl Ethyl Ketone	78-93-3	25-50
Toluene	108-88-3	25-50

**Section 4 First Aid Measures**

**If inhaled:** Move person into fresh air. Seek medical attention if overexposure occurs.  
**In case of skin contact:** Clean with rubbing alcohol, followed immediately by washing affected area with soap and water. Remove contaminated clothing. Wash clothing before reuse.  
**In case of eye contact:** Remove contact lenses, if worn. Flush opened eyes thoroughly with water for several minutes. Get medical assistance.  
**If swallowed:** Seek medical attention. Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Section 5 Fire Fighting Measures**

**Suitable extinguishing media**

Use carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray.  
 Use fire fighting measures that suit the environment..

**Advice for firefighters**

Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Remove all sources of ignition.  
 Remove all non-essential people from the area. For personal protection see section 8.

**Environmental precautions**

Do not let product enter sewers/ surface or ground water.

**Methods and materials for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Dispose of contaminated material as waste in accordance with federal state and local regulations.  
 Ensure adequate ventilation.

#### Section 7 Handling and Storage

**Precautions for safe handling**

Use normal precautions when handling flammable materials. Do not breathe fumes or vapor. Do not allow material to contact skin. Open and handle receptacle with care. Prevent formation of aerosols. Ensure good ventilation/exhaustion at the workplace. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

**Conditions for safe storage, including any incompatibilities**

Store in cool, dry conditions in well-sealed receptacles Store away from direct heat. Store away from oxidizing agents. Store as flammable liquid.

#### Section 8 Exposure Controls/Personal Protection

**Components with workplace control parameters**

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Methyl Ethyl Ketone	200 ppm	None estab.	200ppm	300 ppm
Toluene	100 ppm	150 ppm	20 ppm	300 ppm

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

**Personal protective equipment (PPE)**

**Eye/face protection:** Use safety glasses equipped with side shields.  
**Hand Protection:** Wear protective gloves. Contaminated gloves should be replaced.  
**Body Protection:** Wear protective work clothing. Prevent skin contact when handling material.  
**Respiratory Protection:** The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

**General Hygienic Practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

#### Section 9 Physical and Chemical Properties

<b>Appearance</b>	Black Liquid
<b>Odor</b>	Characteristic solvent
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC</b>	5.0 lb./gallon (600 g/L)
<b>Weight per gallon</b>	7.51 lb.
<b>Boiling Point</b>	79 °C (174 °F)
<b>Flash Point</b>	-4°C (25°F)
<b>Evaporation rate</b>	No data available
<b>Lower flammability limits</b>	1.2 Vol %
<b>Upper flammability limits</b>	11.5 Vol %
<b>Vapor Pressure</b>	105.0 hPa (79 mm Hg) at 20 °C (68 °F)

#### Section 9 Physical and Chemical Properties

<b>Specific Gravity</b>	0.902
<b>Water Solubility</b>	Not miscible
<b>Coefficient: n-octanol/water</b>	No data available
<b>Ignition temperature</b>	514.0 °C (957 °F)
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<b>Oxidizing Properties</b>	No data available
<b>% Volatile</b>	64.1%

#### Section 10 Stability and Reactivity

**Reactivity:** No data available.  
**Chemical stability:** Stable under recommended storage conditions.  
**Possibility of hazardous reactions:** No further information is available.  
**Conditions to avoid:** Heat, flames, sparks.  
**Incompatible materials:** Reacts with oxidizing agents.  
**Hazardous decomposition products:** Thermal decomposition may produce oxides of carbon, nitrogen, and hydrocarbons, hydrogen chloride.

#### Section 11 Toxicological Information

##### Information on toxicological effects

**Acute Toxicity** No data available on product

Component	CAS Number	Oral LD <sub>50</sub>	Inhalation LC <sub>50</sub> / 4h	Dermal LD <sub>50</sub>
Toluene	108-88-3	5000 mg/kg (rat)	5320 mg/l (mouse)	12124 mg/kg (rabbit)

**Skin Irritant** Irritant to skin and mucous membranes.  
**Eye Irritant** Vapors may be irritating to the eyes  
**Sensitization** Sensitizing effect through inhalation and contact with the skin is possible with prolonged exposure.  
**Reproductive toxicity** No data available  
**Germ cell mutagenicity** No data available  
**Carcinogenicity** **IARC:** Toluene (CAS 108-88-3), Group 3, not classifiable as carcinogenic to humans.  
**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.  
**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen

#### Section 12 Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

**Section 13 Disposal Considerations**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Follow applicable Federal, State, and local regulations.

**Section 14 Transport Information**

**DOT, IMDG, IATA**

**UN Number:** UN1133  
**Proper Shipping Name:** Adhesives  
**Hazard Class:** 3 Flammable liquids  
**Packing Group:** III

**Section 15 Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Superfund Amendments and Reauthorization Act (SARA) Section 313:** Toluene, CAS 108-88-3  
**CERCLA Hazardous Substance RQ:** Toluene, CAS 108-88-3, 1000 lb.  
**California Proposition 65:** ⚠️ **WARNING:** This product can expose you to chemicals including toluene, which is known to the State of California to cause birth defects or other reproductive harm.  
 For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical (CAS Number)	Type of Toxicity	Maximum Allowable Dose Level (MADL) Inhalation	Maximum Allowable Dose Level (MADL) Oral
Toluene (108-88-3)	Reproductive - Developmental	Safe Harbor Level 13,000 µg/day	Safe Harbor Level 7,000 µg/day

**Inventories**

**US Toxic Substance Control Act (TSCA):** All ingredients listed on TSCA inventory requirements  
**Canada Domestic Substance List (DSL):** All components of this product are on the DSL or are exempt for DSL requirements.

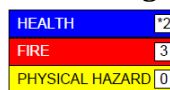
**Section 16 Other Information**

**NFPA ratings (scale 0 - 4)**



Health = 2  
 Fire = 3  
 Reactivity = 0

**HMIS-ratings (scale 0 - 4)**



Health = \*2  
 Fire = 3  
 Physical Hazard = 0

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