

Material Safety Data Sheet

Murphy's Tire & Tube Mounting Compound Date of Preparation: March 2001/Revised Feb 2005, Updated May 2011

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Murphy's Tire & Tube Mounting Compound**Chemical Formula:** 93-10F**Manufacturer:** JTM Products, Inc., 31025 Carter Street, Solon, OH 44139, Phone (440) 287-2302, FAX (440) 287-3095
(CHEM-TEL 24-hour emergency: (800) 255-3924)

Section 2 - Composition / Information on Ingredients

Blend of soap, corrosion inhibitors, and water.

May contain up to 0.12% by weight Ethanol, 2,2'-iminobis- CAS #000111-42-2 PEL NIOSH/CANADA = 3 ppm TWA and CANADA = 6 ppm STEL revised May 2011 (D.Barrer)

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Potential Health Effects

Primary Entry Routes: Not Hazardous**Carcinogenicity:** IARC, NTP, and OSHA do not list the ingredients in Murphy's Tire & Tube Mounting Compound as carcinogens.

H	1
F	0
R	0
PPE [†]	
[†] Sec. 8	

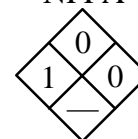
Section 4 - First Aid Measures

Eye Contact: Flush with copious volumes of water for 15 minutes while holding eyelids open.**Skin Contact:** Wash with water.*If irritation persists, call a physician.*

Section 5 - Fire-Fighting Measures

Flash Point: >220 °F (>104 °C)**Flash Point Method:** NA, contains water**Autoignition Temperature:** NA**Extinguishing Media:** Water, water fog, alcohol foam, carbon dioxide or dry chemical are all suitable.**Unusual Fire or Explosion Hazards:** None**Hazardous Combustion Products:** None**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.**LEL:** NA**UEL:** NA**Flammability Classification:** 0

NFPA



Section 6 - Accidental Release Measures

Spill /Leak Procedures: This product is a biodegradable soap.**Containment:** For large spills, dike far ahead of spill for later disposal.**Cleanup:** Place the bulk of any spilled material into drums, then rinse any remaining material to sewage treatment facility, in accordance with any applicable regulations.**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: No special precautions are required.**Storage Requirements:** No special precautions are required.**Regulatory Requirements:** No known regulatory requirement for handling and storage.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:**Ventilation:** Provide general or local exhaust ventilation systems.**Administrative Controls:****Respiratory Protection:** If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Murphy's Tire & Tube Mounting Compound

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Paste

Appearance and Odor: amber paste, bland odor

Odor Threshold: NA

Vapor Pressure: NA

Vapor Density (Air=1): NA

Formula Weight: NA (blend)

Density: 8.3 lbs./gal.

Specific Gravity (H₂O=1, at 4 °C): 1.0

pH: 11

Water Solubility: complete solubility in water

Boiling Point: >220 °F

Freezing/Melting Point: <32 °F

Viscosity: viscous paste

Refractive Index: unknown

Surface Tension: unknown

% Volatile: 55

Evaporation Rate: NA

Section 10 - Stability and Reactivity

Stability: Murphy's Tire & Tube Mounting Compound is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities:

Conditions to Avoid: Reactive alloys such as aluminum, brass, bronze. Also avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal oxidative decomposition of Murphy's Tire & Tube Mounting Compound can produce oxides of carbon and nitrogen.

Section 11- Toxicological Information

Toxicity Data:

Eye Effects: Eye irritant.

Skin Effects: Slight skin irritant if allowed to remain in contact.

Section 12 - Ecological Information

Ecotoxicity: Environmental Fate

Environmental Transport: Unknown.

Environmental Degradation: Soaps are well known to be biodegradable.

Soil Absorption/Mobility: Unknown.

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

Not hazardous under DOT regulations.

Section 15 - Regulatory Information

EPA Regulations: None apply.

Section 16 - Other Information

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Revised February 2005, Section 2 by John Cahoon; reviewed by D Barrer 5/2011