

Material Safety Data Sheet

Murphy's Tire & Tube Mounting Compound

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Murphy's Tire & Tube Mounting Compound
Chemical Formula: 93-11 or 2006-5
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 0.25% by weight Ethanol, 2,2'-iminobis- CAS #000111-42-2 PEL NIOSH/CANADA = 3 ppm TWA and
CANADA = 6 ppm STEL revised July 2013 (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.

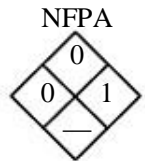
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Section 4 - First Aid Measures

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) LEL: NA
Flash Point Method: NA, contains water UEL: NA
Autoignition Temperature: NA Flammability Classification:
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.



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	Water Solubility: complete solubility in water
Appearance and Odor: amber paste, bland odor	Boiling Point: >220 °F
Odor Threshold: NA	Freezing/Melting Point: <32 °F
Vapor Pressure: NA	Viscosity: viscous paste
Vapor Density (Air=1): NA	Refractive Index: unknown
Formula Weight: NA (blend)	Surface Tension: unknown
Density: 8.3 lbs./gal.	% Volatile: 55
Specific Gravity (H ₂ O=1, at 4 °C): 1.0	Evaporation Rate: NA
pH: 11	

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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Approved By: B. Roll
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Revised Section 2 by John Cahoon; updated by D. Barrer