

TECH LINE Coatings

SAFETY DATA SHEET

Section 1 – Identification

Product Identifier: DS1709-05

Part Number: DS1709-05

Recommended Use: Coating Additive

Restrictions on Use:

Manufacturer / Supplier:

Tech Line Coatings, Inc
26844 ADAMS AVE.
MURRIETA, CA 92562
USA
Phone/Fax 1-865-773-0597
www.techlinecoatings.com

Keep out of reach of children.

Emergency Phone: N. America +1-800-535-5053
Intl. +1-352-323-3500

Section 2 – Hazards Identification

OSHA status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification:

Flammable liquid- category 2
Specific target organ toxicity (single exposure) – category 3

Signal Word:

Danger

Symbols:

Precautionary Statements:



Highly Flammable Liquid and Vapor



May cause respiratory irritation

Section 3 – Composition / Information On Ingredients

Component	CAS#	% of Weight
Tert Butyl Acetate	540-88-5	< 80%
Toluene	108-88-3	< 1.0%

Other ingredients are not hazardous based on OSHA standard Section 29 CFR 1910.1200

Section 4 – First Aid Measures

After EYE Contact:

- Immediately irrigate with plenty of water for 15 minutes. Obtain medical attention if irritation persists.

After SKIN Contact:

- Remove contaminated clothing without delay. Flush skin thoroughly with water. Do not reuse clothing without laundering.

After INHALATION:

- Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately if necessary.

After SWALLOWING:

- Call a physician immediately, ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

See section 11 for additional information

Notes to Physician: Treat symptomatically.

Section 5 – Fire Fighting Measures

<p>Extinguishing Media: Alcohol resistant foam, co2, dry chemical, dry sand. Cool closed containers exposed to fire with water spray.</p>	<p>Special Fire Fighting Procedures: Use full protective equipment, including self contained breathing apparatus</p>
<p>Unusual Fire And Explosion Hazards: During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.</p>	<p>Specific Hazards Arising from the Chemical: Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated.</p>

Section 6 – Accidental Release Measures

Methods for Containment and Clean Up

- Soak up with inert absorbent material.
- Keep in suitable, marked and closed containers for disposal.
- Use spark-proof tools and explosion-proof equipment.
- Remove sources of ignition.
- Warn other workers of spill.
- Wear protective equipment
 - NIOSH Approved Respirator
 - Gloves
 - Safety Glasses
- Do not allow material to be released into the environment.

Additional Information:

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

Section 7 – Handling And Storage

Handling:

Do not breathe vapors or mists from spraying. Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. Wear personal protective equipment. If required wear an appropriate NIOSH approved respirator with paint prefilter. Use explosion-proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Take precautionary measures against static discharges.

Storage:

Store in area suitable for flammable liquids. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Protect from moisture, strong acids, isocyanates, strong oxidizers and protic solvents.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Component	ACGIH TLV	OSHA PEL	NIOSH idlh
Tert Butyl Acetate	TWA: 200 ppm	TWA: 200 ppm	TWA; 200ppm
Toluene	TWA 20 ppm	TWA 200 ppm	TWA: 100ppm(10hrs)

Engineering Controls:

Exhaust ventilation.
Showers
Eyewash stations
Use in a well-ventilated area.

Respiratory Protection:

Use NIOSH approved respirator if TWA/TLV limits are exceeded

Protective Gloves:

CHEMICAL RESISTANT

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

Other Protective Equipment:

WEAR PROTECTIVE CLOTHING, CHEMICAL RESISTANT OR OTHER PROTECTIVE OUTERWEAR, AVOID CONTACT WITH SKIN OR EYES

Ventilation: Local Exhaust: Use To Maintain Below TWA Limits
Mechanical: Use Non-Sparking Equipment
Work / Hygienic Practices: wash thoroughly after handling product and before eating, drinking or smoking

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Colorless to clear tan
odor	solvent smell
Odor Threshold	No information available.
PH	Not Established
Vapor Pressure	Not Established
Vapor Density	<4
Viscosity	Not Established
Boiling Point/Range	208 – 284° F.
Melting Point/Range	Not Established
Decomposition temperature	Not Established
Flash Point	< 69° F
Evaporation Rate	Not Established
Specific Gravity	Not Established
Solubility	Reacts in water
VOC	0 Lbs/G

SECTION 10 – STABILITY AND REACTIVITY

Stability: STABLE

Incompatibility (Materials to Avoid): CONTACT WITH STRONG OXIDIZING AGENTS, ACIDS

Hazardous Decomposition Products: Carbon monoxide (CO), Carbon dioxide (CO₂), Formaldehyde, Methanol

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: Avoid contact with Oxidizing Agents, Sparks or Flame

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects on Eyes: Severe Irritation, Redness, Tearing and Blurred Vision. Contact Lenses Pose A Special Hazard; Soft Lenses May Absorb, All Lenses Concentrate Irritants

Effects on Skin: Prolonged Or Repeated Contact Can Cause Moderate Irritation, Defatting And Dermatitis

Effects from Inhalation: Excessive Inhalation Of Vapors Can Cause Nasal And Respiratory Irritation, Dizziness, Headache, Possible Unconsciousness, Death

Effects from Swallowing: Can Cause Gastrointestinal Damage, Irritation, Nausea, Vomiting, And Diarrhea. Aspiration Of The Material Into The Lungs Can Cause Chemical Pneumonitis Which Can Be Fatal

Potential Health Effects:

Trade Secret component:

Oral LD50, rat: > 5000 mg/kg
Skin irritation, rabbit: slight irritation

t-Butyl acetate (540-88-5)

t-Butyl acetate is an irritant to the skin, eyes and respiratory system. Severe overexposure can cause weakness, drowsiness, and unconsciousness. Inhalation can cause CNS depression. Animal studies have shown central nervous system effects by the oral route (behavioral changes).

Toluene (108-88-3)

Eye contact can cause severe irritation, redness, tearing and blurred vision. Prolonged or repeated contact with skin can cause moderate irritation, defatting and dermatitis. Acute exposure to toluene results in central nervous system depression. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and asphyxiation. Fetal developmental abnormalities and

adverse reproductive effects have been reported in laboratory animals. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs can cause chemical pneumonitis which can be fatal. Has been found to cause liver abnormalities, kidney damage and spleen damage in laboratory animals.

SECTION 12 – ECOLOGICAL INFORMATION

General Comments: Do not allow material to be released into the environment without proper governmental permits

Environmental Toxicity:

Fish toxicity: LC50: 296-362 mg/L, 96hrflow through(Pimephalespromelas)
The values mentioned are those of the active ingredient.
Daphnia toxicity: not tested.
Algae toxicity: not tested.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Disposal should be made in accordance with federal, state and local regulations. Recovered non-usable material is a RCRA hazardous waste. Treatment, storage, transportation and disposal must be in accordance with EPA and State regulation under the authority of the Resource Conservation and Recovery Act (RCRA) 40 CFR parts 260-271 A competent and properly permitted contractor should do appropriate disposal.

SECTION 14 – TRANSPORTATION INFORMATION

Hazardous for Shipping: Yes (Ground ORM-D in consumer packaging)

DOT Shipping Name: Paint related material
DOT Hazard Class: 3
DOT Labels: Flammable Liquid
UN Number: UN1263
Placards: Flammable Liquid
Packing Group: II

Air (IATA): UN1263, Paint related material, 3, II

SECTION 15 – REGULATIONS

Information about Limitation or Use:

Other Regulations, Limitations, and Prohibitive Regulations:

Component	CAS Number	SARA 313	SARA 304	New Jersey RTK List	Pennsylvania RTK List	Massachusetts RTK List	California Prop 65 list
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: All ingredients are on the TSCA Chemical Substance Inventory.

Product Related Hazard Information:

Hazard Symbols: Flammable Liquid
Risk Phrases: Flammable Liquid
Safety Phrases: Flammable Liquid

SECTION 16 – OTHER INFORMATION

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