

Safety Data Sheet

Section 1, Identification

Product Identifier: T- 21 Industrial Paint Remover
Synonyms: Semi-Paste Paint Remover
CAS No.: Mixture
Manufacture Stock Number: T-21
Intended Use: Paint and Finish Remover

Manufacturer: BSI Companies
123 Stout Drive
Crossville, TN 38555
Phone: (931) 484-9578
Fax: (931) 484-7614

Emergency Phone: 1(800) 535-5053 INFOTRAC 24 hour response
Information Phone: (931) 484-9578
(931) 484-7614

Section 2, Hazards Identification

Classification: GHS-Classification

Signal Word: Warning

Pictogram:



Hazard Statement:

H315 Causes skin irritation.
H319 Causes eye irritation.
H335 Causes respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H373 May cause damage to organs (liver, blood) through repeated or prolonged exposure if swallowed.
H373 May cause damage to organs (Central nervous system) through repeated or prolonged exposure if inhaled.

Precautionary Statements: P201 Obtain Special instructions before use.
P202 Do not handle until all safety precaution have been read and understood.
P234 Keep only in original container
P261 Avoid breathing fumes, gas, mist, vapors or spray.
P262 Do not get in eyes, on skin, or on clothing.
P263 Avoid contact during pregnancy or while nursing.

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P264 Wash thoroughly after handling.
P270 Do not eat/drink/smoke while using this product.
P281 Use personal protective equipment as required. (See section 8)
P284 Keep away from heat/sparks/open flame/hot surfaces - No Smoking.

Unknown Acute Toxicity: No additional information available.
Hazards not Otherwise Classified: No additional information available.

Section 3, Composition/Information on Ingredients

CAS No.	Ingredient Name	Weight Percentage
75-09-2	Methylene Chloride	70 - 80 %
67-56-1	Methanol	10 - 20 %
108-88-3	Toluene	2 - 3 %

Occupational exposure limits, if available, are listed in section 8
Regulatory information listed in section 15

Section 4, First Aid Measures

Eye: Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.
Ingestion: Call physician, poison control center, or hospital emergency room IMMEDIATELY.
NEVER GIVE ANYTHING TO AN UNCONCIOUS PERSON.
Skin: Thoroughly wash exposed areas with soap and water. Remove contaminated clothing.
Launder contaminated clothing before re-use.
Inhalation: Move affected individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration.
Keep person warm, quiet, and get medical attention.

Section 5, Fire Fighting Measures

Suitable Extinguishing Media: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media: Do not use a heavy water stream. This may spread burning liquid.
Fire Fighting Instructions: Exercise caution when fighting any chemical fire. Use self contained breathing apparatus and protective clothing. Use water spray to keep fire exposed containers cool.
Unusual Fire and explosion hazards: This product contains chlorinated solvents, which can form flammable vapor/air mixtures at elevated temperatures (above ambient) . At high temperatures (during fire) the product decomposes, creating Hydrochloric acid gas and Carbon Monoxide.

Section 6, Accidental Release Measures

Emergency Procedures: Stop spillage/leakage at the source if safe to do so. Remove sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation of affected area.
Personal Protective Equipment: Use required personal protective equipment. See section 8.
General Measures: Cover spilled product with an inert absorbent i.e. Vermiculite or similar material.
Place wet absorbent into metal container and secure with lid. Label container with appropriate information. **Do not use saw dust.**
Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains.
Reference to other sections: Section 8, Exposure Controls and Personal Protection.

Section 7, Handling and Storage

Handling: Avoid contact with skin or eyes. See section 2
Storage: Keep container tightly closed and store in a dry well ventilated area. Do not store in direct sunlight. Open slowly, product can develop unsafe pressure if stored in direct sunlight or above 80 F.

Section 8, Exposure Controls and Personal Protection

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Occupational Exposure Limits:

Ingredient	USA- ACGIH TLV	USA- OSHA TLV
Methylene Chloride	50 ppm TWA	125 ppm STEL, 25 ppm TWA
Methanol	250 ppm STEL	200 ppm TWA
Toluene	100 ppm STEL	200 ppm STEL, 300 ppm Ceiling

Appropriate Engineering Controls: Controlling vapor concentrations with exhaust fans is always recommended when working indoors. Always refer to the SDS in regards to permitted exposure levels. Local exhaust ventilation is necessary for most applications, including working outdoors. Monitoring badges for Methylene Chloride are recommended to determine vapor concentrations in your work areas. Contact Besway Systems, Inc. for further information.

Personal Protective Equipment: Splash goggles/face shield, chemical resistant gloves, Chemical resistant apron and proper foot protection i.e. steel toe boots. A self contained breathing apparatus should be used when vapor concentrations are above permitted exposure limits.

Other Protective Information: Personal Protective Equipment in case of spill or leakage: Self contained (full faced) breathing apparatus (SCBA), chemical resistant gloves, chemical resistant boots and protective clothing, full body Tyvek suit.

Use only with adequate ventilation. Local exhaust ventilation is necessary for most applications.

Lethal concentrations (Methylene Chloride) may exist in areas with poor ventilation. Contact Besway Systems, Inc. (615) 865-8310 for further information regarding vapor concentrations in your work areas. Methylene Chloride monitoring badges are available and may be necessary to determine if your processes are below permitted exposure limits for Methylene Chloride.

Section 9, Physical and Chemical Properties

Physical State: Semi-paste

Appearance: Clear/white paste

Color: Colorless

Odor: Sweet ether like odor

pH: 9 – 10

Boiling Point: 104 F

Vapor Density: >1 (Air = 1)

Vapor pressure: < 300 mm Hg @ 20 C

Specific Gravity: 1.160 - 1.190

Percent Volatile: > 97 %

Flash Point: None to boiling point (104 F)

Section 10, Stability and Reactivity

Reactivity: None

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Contact with pure oxygen, alkali metals, open flames, electrical sparks and welding torches.

Incompatible Materials: Avoid contact with strong alkalies and strong oxidizing agents.

Hazardous Decomposition Products: None

Section 11, Toxicological Information

Acute Toxicity: LD50 Oral (rat) > 2,000 mg/kg

LC50 Inhalation (rat) 52,000 mg/m3

LD50 Dermal (rat) 2,000 mg/kg (OECD Test Guideline 402)

Skin corrosion/ irritation: Skin (rabbit). Result: Irritating to skin. -24 h

Reproductive Toxicity: No data available

Symptoms/Injuries after Inhalation: Drowsiness or dizziness.

Symptoms/Injuries after Eye Contact: Sever pain and stinging to the eyes.

Symptoms/Injuries after Ingestion: May cause damage to organs, liver, blood if ingested.

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Other Information: Toxicological information determined using bridging principals from current raw material SDS information. IARC: 2B- Group 2B: Possibly carcinogenic to humans (Methylene Chloride)

Section 12, Ecological Information

Keep Out of Water Ways. Contain all spills and keep away from drains.

Toxicity to Fish Methylene Chloride: LC50 (fathead minnow) – 193 mg/l – 96 hr.

Persistence and degradability: No data available.

Bio accumulative potential: No data available.

Mobility in soil: No data available.

Section 13, Disposal

Dispose of in accordance with local, regional, national and international regulations.

Section 14, Transportation Information

UN Number (DOT): UN 3066

UN Number: UN 3066

Proper Shipping Name: UN3066, Paint Related Material, 8, PG II

DOT Classification: 8

Hazard Classification: Corrosive

Hazard label: Corrosive

Packing Group: Group II

Section 15, Regulatory Information

Materials Listed on the United States TSCA (Toxic Substance Control Act) Inventory.

California Prop 65. This product contains a chemical known to the State of California to cause cancer (Methylene Chloride). OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR1910.1200).

Section 16, Other Information

Revision Date: April 24th 2015

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.