# SAFETY DATA SHEET

## Section 1, Identification

**Product Identifier:** M-36 Industrial Paint Remover
**Synonyms:** Liquid Finish Remover
**CAS No.:** Mixture
**Manufacture Stock Number:** M-36
**Intended Use:** Paint and Finish Removal
**Manufacturer:** BSI Companies
123 Stout Drive
Crossville, TN 38555
931-484-9578
**Emergency Phone:** 800-535-5053
**Information Phone:** 931-484-9578
**Fax:** 931-484-7614

## Section 2, Hazards Identification

**Classification:** GHS-US Classification

**Signal Word:** Warning
**Pictogram:**

**Hazard Statements:** H301 Toxic if swallowed
**Skin irritation (Category 2), H315**
**Eye irritation (Category 2A), H319**
**Carcinogenicity (Category 2). H351**
**Single target organ toxicity – single exposure (Category 3), Respiratory System, Central Nervous System, H335, H336 Specific target organ toxicity – repeated exposure, Inhalation (Category 2), Central Nervous System, H373**

**Precautionary Statements:**
**H315 Causes Skin irritation, burns**
**H319 Causes serious eye irritation, burns**
**H335 May cause respiratory irritation**
**H336 May cause drowsiness or dizziness**
**H351 Suspected of causing cancer**
**H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.**

**Prevention:**
**P201 Obtain specific instructions before use.**
**P202 Do not use until safety precautions have been read and understood.**
**P260 Do not breathe fumes.**
**P264 Wash skin thoroughly after handling.**
**P271 Use out of doors or in well ventilated areas.**
**P280 Wear protective gloves/eye protection/face protection.**
**P302&P352 If on skin: Wash off with plenty of soap and water.**

**P304&P340 If inhaled: Get to fresh air**
**P305&P351&P338 If in eyes: Wash with water for several minutes – get medical attention.**
**P362 Take off contaminated clothing and wash before reuse.**
**Storage: P403&P233 Store in a well ventilated area out of direct sunlight. Keep container closed.**
**Disposal: Dispose of waste contents/container at an approved facility.**

**Hazards not Otherwise Classified: None**

## Section 3, Composition/Information on Ingredients

| CAS No. | Ingredient Name | PEL(OSHA) | TWA (OSHA) | Weight Percentage |
|---|---|---|---|---|
| 75-09-2 | Dichloromethane | 25 ppm | 25 ppm | 75-85 |
| 67-56-1 | Methanol | 200 ppm | 200 ppm | 8-15 |
| 111-76-2 | 2-Butoxyethanol | 50 ppm | 50 ppm | 1-10 |
| 64742-95-6 | Aromatic Hydrocarbon | 300 ppm | 300 ppm | 1-3 |

**Occupational exposure limits, if available, are listed in section 8**

## Section 4, First Aid Measures

**Eye: Flush with large amounts of water, lifting upper and lower lids. Get medical attention.**
**Ingestion: Call Physician, poison control center, or hospital emergency room. Never give anything by Mouth to an unconscious person.**
**Skin: Thoroughly wash exposed area with soap & water. Remove contaminated clothing Wash contaminated clothing before reuse.**
**Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer respiration. Keep person warm, quiet, and get medical attention.**

## Section 5, Fire Fighting Measures

**Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide**
**Unsuitable Extinguishing Media: no data available**
**Fire Fighting Instructions: Self-contained breathing apparatus with a full face piece operated in Pressure demand or other positive pressure mode.**

## Section 6, Accidental Release Measures

**Emergency Procedures: Use personal protective equipment. Avoid breathing vapors. Ensure Adequate ventilation. Evacuate personnel to safe areas.**
**Personal Protective Equipment: See section 8**
**Environmental Precautions: Prevent further leakage or spillage if safe to do so.**
**Methods for Containment: Soak up with inert absorbent material and dispose of as Hazardous waste. Keep in suitable closed containers for disposal.**
**Reference to Other sections:** Section 8, Exposure Controls and Personal Protection

## Section 7, Handling and Storage

**Handling: Avoid contact with skin and eyes. Avoid inhalation of vapors or mists.**
**Storage: Store in a cool, dry, well ventilated space out of direct sunlight.**

## Section 8, Exposure Controls and Personal Protection

**Occupational Exposure Limits: See Section 3.**

**Appropriate Engineering Controls: Ventilation: Controlling airborne concentrations below the ACGIH TLV exposure guideline is recommended. ADGIH TWA is 50ppm. OSHA PEL is 25 ppm 8 hour TWA, and a STEL is 125 ppm. This rule also establishes an Action Level of 12.5 ppm. Use only with adequate ventilation. Local exhaust ventilation is necessary for most applications. Lethal concentrations may exist in areas with poor ventilation. Contact Benco for further information. Medical monitoring is also required by OSHA for applications that exceed the Action Level of 12.5ppm. Contact Benco at 800-632-3626 for assistance and instructions on air monitoring.**
**Personal Protective Equipment: Splash goggles / Face Shield, Chemical resistant gloves, Chemical resistant apron and proper foot protections.**
**Hand Protection: Wear appropriate safety gloves**
**Eye Protection: Use safety glasses. Where contact is likely, use chemical splash goggles.**
**Skin and Body Protection: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any clothing or shoes that have been contaminated should be removed immediately and thoroughly and laundered before wearing again.**
**Respiratory Protection: Atmospheric levels should be maintained below the exposure guideline. If this level is exceeded, us an approved air supplied respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, us an approved positive pressure self-contained breathing apparatus.**
**Other Protective Information: Safety shower and Eyewash Station should be available in work area.**

## Section 9, Physical and Chemical Properties

**Physical State: Liquid**
**Appearance: Light in color**
**Odor: Typical Methylene chloride odor**
**pH: 10-12**
**Boiling Point: 104 (Initial)**
**Density: 10 lbs. / gallon**
**Vapor Density: 2.93 (Air = 1 )**
**Specific Gravity: 1.20**
**Percent Volatile: >95%**
**VOC Emission Content: 118.27 grams**
**Flash Point: None**
**Auto-ignition Temperature: Not Determined**

## Section 10, Stability and Reactivity

**Reactivity: No data available**
**Chemical Stability: Stable under recommended storage conditions**
**Possibility of Hazardous Reactions: No data available**
**Conditions to Avoid: Heat, flame, and sparks. Exposure to sunlight.**
**Incompatible Materials: Alkali metals, aluminum, strong oxidizing agents, strong acids.**
**Hazardous Decomposition Products: Open flames and welding arcs can cause thermal decomposition with the evolution of hydrogen chloride and very small amounts of phosgene and chlorine.**

## Section 11, Toxicological Information

**Information on Toxicological Affects: LD50 Oral – Rat >2,000 mg/kg**
**Respiratory or Skin Sensitization: LC50 inhalation – rat 52,000mg/m3 Skin irritation and eye irritation on contact**
**Carcinogenetic: Limited evidence of carcinogenicity in animal studies**
**IARC 2B: Possible carcinogenic to humans.**
**OSHA: OSHA specifically regulated carcinogen (dichloromethane)**
**Reproductive Toxicity: no data available**
**Symptoms/Injuries after Inhalation: Dichloromethane is metabolized in the body producing carbon monoxide which increased and sustains carboxyhemoglobin levels in the blood, reducing oxygen-carrying capacity of the blood. Acts as a simple asphyxiant by displacing air – anesthetic affects. Difficulty in breathing, headaches, dizziness.**
**Symptoms/Injuries after Eye Contact: Redness , blurred vision, tears, burns on extended contact.**
**Symptoms/Injuries after Ingestion: Gastrointestinal irritation, central nervous system depression, abdominal pain.**

**Section 12, Ecological Information**

**Keep Out of Water Ways.**

**Section 13, Disposal**

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

**Section 14, Transportation Information**

**UN Number: 3066**
**UN Number (DOT): UN3066**
**UN Proper Shipping Name: UN3066, Paint Related Material, 8, PGII**
**DOT Classification: 8**
**Hazard Classification: Corrosive**
**Hazard Labels: Corrosive**
**Packing Group: Group II**

**Section 15, Regulatory Information**

**Materials Listed on the United States TSCA (Toxic Substance Control Act) Inventory.**
**State and Local Regulations:**

**Section 16, Other Information**

**Revision Date: Feb 20, 2017**
**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**NFPA health hazards: 2**
**NFPA fire Hazards: 1**
**NFPA Reactivity: 0**

**HMIS III Rating:**
**Health: 3**
**Flammability: 1**
**Physical: 0**

**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.**