

Safety Data Sheet
Mean Green

SECTION I - IDENTIFICATION

PRODUCT NAME: Mean Green
PRODUCT CODE: 5981
PRODUCT USE: Adhesive
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: PO Box 624 Brenham, TX 77834
COMPANY PHONE: 1-800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 2
Liquefied Gas
Skin Irritant: Category 2
Eye Irritant: Category 2b
Carcinogenicity: Category 2

HAZARD STATEMENT(S): **WARNING:** Flammable Aerosol Contains gas under pressure; May explode if heated. Causes skin and eye irritation. Suspected of causing cancer.

This product contains the following percentage of chemicals of unknown toxicity: 11%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and eye protection. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



SYMBOL:
HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Methylene Chloride	75-09-2	40-70%
Odorless Mineral Spirits	64741-65-7	1-5%
Propane/n-Butane	68476-86-8	10-30%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
INGESTION: Do not induce vomiting. Material is an aspiration hazard. If unconscious place on left side with head down. Seek medical attention.
INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Oral: abdominal irritation, nausea, vomiting, and diarrhea
CHRONIC HEALTH HAZARDS: Dermatitis may occur due to long-term irritation.
NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers to prevent bursting. Treat as combustible petroleum distillates.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Small Spill: Absorb liquid with absorbent material and transfer to a closed metal container. Large Spill: Eliminate all sources of ignition, (flares, flames, pilot lights, electrical spark) ventilate area, people without protective equipment should be excluded from the area of the spill. Prevent spill from entering drains, sewers, streams or other bodies of water. Stop spill at source, dike area to contain spill, absorb with absorbents, transfer to closed metal container

WASTE DISPOSAL: Commercial incineration with destruction efficiency of 99.99% or reclamation is preferred. Otherwise dispose of in accordance with applicable regulations.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Flammable vapors may collect in low lying areas.

INCOMPATIBILITY: Avoid strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Methylene Chloride	25 ppm	50 ppm
Odorless Mineral Spirits	500 ppm	500 ppm
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses are always recommended when using chemicals. Impervious gloves such as neoprene or solvex can be used.

ADDITIONAL MEASURES: Wash hands thoroughly with soap and water after use. Contaminated clothing should be washed between uses. Avoid breathing fumes/vapors. Use only outdoors or in a well ventilated area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light yellow-green aerosol

ODOR: Chlorinated solvent odor

ODOR THRESHOLD: N/D

BOILING POINT: N/D

FREEZING POINT: N/D

FLAMMABILITY: Flammable Aerosol

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

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UPPER FLAMMABILITY LIMIT: N/D
VAPOR PRESSURE (mm Hg): 400 mmHg @ 77°F (25°C)
VAPOR DENSITY (AIR=1): 3.0
EVAPORATION RATE: >3 Fast
SPECIFIC GRAVITY (H2O=1): 1.16
pH: N/A
SOLIDS (%): 29%
SOLUBILITY IN WATER: 0%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
VOLATILITY INCLUDING WATER (%): 71%
VOLATILE ORGANIC COMPOUNDS (VOC): 20%
DIELECTRIC STRENGTH (Volts): N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Chemically active metals and bases.
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, welding arcs, and open flame
INCOMPATIBILITY: Avoid strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Carbon monoxide and carbon dioxide. Various hydrocarbons
POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Methylene Chloride (75-09-2) LD₅₀ (Oral, Rat) 1600 mg/kg; LC₅₀ (Inhalation, Rat) 52 gm/m³
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
YES: Causes mild irritation.
INGESTION: Swallowing small amounts not likely to cause harmful effects. Large amounts may be harmful, material can enter the lungs during swallowing or vomiting resulting in lung inflammation and other injury.
INHALATION: Excessive inhalation of vapors may cause irritation of nose and throat, headache, nausea, vomiting, dizziness, drowsiness, euphoria, loss of coordination and disorientation. In poorly ventilated or confined spaces may cause unconsciousness and asphyxiation may result.
SKIN: May cause localized defatting, dryness with prolonged or repeated contact.
MEDICAL CONDITION AGGRAVATED: Generally aggravated by exposure because of defatting properties, prolonged or repeated skin contact may aggravate an existing skin condition.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Oral: abdominal irritation, nausea, vomiting, and diarrhea
CHRONIC HEALTH HAZARDS: Dermatitis may occur due to long-term irritation.
CARCINOGENICITY: OSHA: Yes ACGIH: A3 - Animal Carcinogen NTP: Suspected IARC: 2B - Possible OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Methylene Chloride (75-09-2) Fish: Bluegill/Sunfish: 230mg/L; 24H; StaticFish: Fathead Minnow: 196mg/L; 96H; has a moderate potential to affect some aquatic organisms. It is resistant to biodegradation, has low potential to persist in the aquatic environment. 96-hr. EC₅₀ (loss of equilibrium); Fathead minnow: 99mg/L; 96-hr. EC₁₀: 66.3 mg/L. Bluegill sunfish: 96-hr. LC₅₀=220 mg/L; Water flea: 24-hr. LC₅₀=2270 mg/L; No observed effect level: 1550 mg/L.
BIODEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Commercial incineration with destruction efficiency of 99.99% or reclamation is preferred. Otherwise dispose of in accordance with applicable regulations.

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RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1 (6.1)
UN/NA NUMBER: UN 1950
PACKAGING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Forbidden by USDOT Regulations
HAZARD CLASS/DIVISION: 2.1 (6.1)
UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1 (6.1)
UN/NA NUMBER: UN 1950
ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Methylene Chloride (75-09-2)
Reportable Quantity = 1,000 lbs
SARA 311/312 HAZARD CATEGORIES: Fire Hazard
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: California Proposition 65: None
INTERNATIONAL REGULATIONS: Methylene Chloride - 75-09-2 - The components of this product are listed on the chemical inventories of the following countries: Australia - Hazchem. code 2Z, Poison Schedule S5, China, Europe (EINECS), Japan, Korea, Philippines, Canada. **WHMIS (Canada):** Class D-1B material causing immediate and serious toxic effects (toxic). Class D-2A: Material causing other toxic effects (very toxic). **DSCL (EEC):** R22 - Harmful if swallowed. R38-irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer.

NFPA HEALTH: 2
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 1
NFPA OTHER: None

HMIS HEALTH: 2
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 1
HMIS PROTECTION: B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis
DATE PREPARED: 11/21/2013
REVISION DATE: 11/06/2014

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government

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agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.