

Safety Data Sheet

MILSPRAY Fed-Std 595B #33446 Non-CARC 1K Aerosol Can
Revision Date: October 26, 2015

Contains Custom-Pak U.S. Military FED-STD-595B 33446 Formula 34A492N6

Section 1 - Manufacturer Identification

Product Name: FED-STD-595B #33446 Desert Tan
Non-CARC 1K Aerosol Can

Recommend Use: Touch-Up Military Paint

Supplier's Name: MILSPRAY Military Technologies

Address: 845 Towbin Ave
Lakewood, NJ 08701

Phone: 732-886-2223

EMERGENCY PHONE: 1-800-424-9300 (Chemtrec)



HMIS		NFPA	
Health	2	4	1
Flammability	4	2	1
Reactivity	1		
Personal Protection			

Section 2 - Hazards Identification

GHS Rating:

Flammable Aerosols	1
Gases Under Pressure	Compressed Liquid
Acute Toxicity – Dermal	4
Skin Corrosion/Irritation	2
Serious Eye Damage/Irritation	2A
Acute Toxicity – Inhalation	4
Specific Target Organ Toxicity Single Exposure	3
Germ Cell Mutagenicity	1A,1B
Carcinogenicity	1A,1B



GHS Signal Word: Danger

GHS Hazards:

- Extremely flammable aerosol.
- Contains gas under pressure; may explode if heated.
- Harmful in contact with skin.
- Causes skin irritation.
- Causes serious eye irritation.
- Harmful if inhaled.
- May cause drowsiness or dizziness.
- May cause genetic defects.
- May cause cancer

GHS Precautions:

- Keep out of reach of children.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/other ignition sources. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Avoid breathing vapor/spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear eye protection.
- IF ON SKIN: Wash with plenty of soap and water.

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IF INHALED: Remove victim to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Call a POISON CENTER/doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed when not in use.

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C/122 degrees F.

Dispose of contents/container in accordance with local/regional/national regulations.

Section 3 - Composition/Information on Ingredients

Product Name	CAS #	% by weight
acetone	67-64-1	35.5
propane	74-98-6	16.3
xylene	1330-20-7	8.0
n-butane	106-97-8	7.7
n-butyl acetate	123-86-4	6.6
titanium dioxide	13463-67-7	4.8
ethylbenzene	100-41-4	1.9
PM acetate	108-65-6	0.6
ethyl ester	763-69-9	0.5
ethyl acetate	141-78-6	0.4
aliphatic petroleum naphtha	64742-48-9	0.2

Section 4 - First Aid Measures

EYE CONTACT: 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 advice/attention.

INHALATION: If inhaled: Move person to fresh air and keep in comfortable position for breathing. If breathing difficulty persists: Get medical advice/attention.

SKIN CONTACT: If on skin: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists: Get medical advice/attention.

INGESTION: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to do so by medical personnel.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

See Section 11: Toxicological Information and effects.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT REQUIRED

Treat symptomatically.

Section 5 - Fire Fighting Measures

SUITABLE EXTINGUISHING MEDIA: CO2 (Carbon Dioxide), dry chemical, or water fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray may be unsuitable. However, if water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat.

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SPECIFIC HAZARDS ARISING FROM CHEMICAL: Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.

PRODUCTS OF COMBUSTION: Not available.

PRODUCTS OF DECOMPOSITION: Not available.

FIRE FIGHTING PROCEDURES: Not available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Full protective equipment including self-contained breathing apparatus should be used.

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS: Use personal protection recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS: Prevent contamination of soil/ground, waterways, drains, and sewers.

METHODS OF CONTAINMENT: Absorb spilled liquid in suitable material.

EMERGENCY RESPONDERS: Not available.

NON-EMERGENCY PERSONNEL: Not available.

METHODS OF CLEAN-UP: Use spark-proof tools to sweep or scrape up, containerize, and dispose of properly.

OTHER INFORMATION: Ensure adequate ventilation.

Section 7 - Handling and Storage

HANDLING: Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container. Keep container tightly closed while not in use.

STORAGE: Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to heat or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and away from heat and sunlight when not in use.

Section 8 - Exposure Controls/Personal Protection

Product Name	OSHA PEL-TWA	ACGIH TLV-STEL	ACGIH TLV-TWA
acetone	1000 ppm	750 ppm	500 ppm
propane	1000 ppm	1800 ppm	2500 ppm
xylene	100 ppm	150 ppm	100 ppm
n-butane	800 ppm	N/E	800 ppm
titanium dioxide	15 mg/m3 ppm	N/E	10 mg/m3 ppm
ethylbenzene	100 ppm	125 ppm	100 ppm
PM acetate	N/E	N/E	N/E
n-butyl acetate	150 ppm	200 ppm	150 ppm
ethyl ester	N/E	100 ppm	50 ppm
ethyl acetate	400 ppm	N/E	400 ppm
aliphatic petroleum naphtha	500 ppm	N/E	100 ppm

ENGINEERING CONTROLS: Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.

ENVIRONMENTAL CONTROLS: Not available.

EYE PROTECTION: Wear safety glasses with side shields. Have eye wash facilities immediately available.

SKIN PROTECTION: Wear chemical resistant gloves if contact is likely.

RESPIRATORY PROTECTION: Use NIOSH-approved air-purifying respirator with organic cartridge or canister if

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exposure cannot be controlled within applicable limits with ventilation.

HYGIENE: Not available.

Section 9 - Physical and Chemical Properties

PHYSICAL STATE: Aerosol – Pressurized Liquid

COLOR: See product identification

ODOR: Solvent odor

ODOR THRESHOLD: Not available.

pH: Not available.

MELTING POINT: Not available.

BOILING POINT: Not applicable (pressurized mixture)

FLASH POINT: <-18 degrees C (<-0.4 degrees F), c.c.

EVAPORATION RATE: Faster than ether

FLAMMABILITY: Not available.

UPPER/LOWER EXPLOSIVE LIMITS: Not available.

VAPOR PRESSURE: Not established.

VAPOR DENSITY: Not established.

RELATIVE DENSITY: 0.801

SOLUBILITY: Negligible

PARTITION COEFFICIENT: Not available.

AUTO-IGNITION TEMPERATURE: Not available.

DECOMPOSITION TEMPERATURE: Not available.

VOC PERCENT BY WEIGHT: 42.19

HAPS PERCENT BY WEIGHT: 9.89

MIR NUMBER (EPA AND CA): 1.442

Section 10 - Stability and Reactivity

STABILITY: The product is stable under normal conditions.

CONDITIONS TO AVOID: Keep away from heat, sparks, and flames.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: by fire - Carbon Dioxide and Carbon Monoxide

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

Section 11 - Toxicological Information

LIKELY ROUTES OF EXPOSURE: Skin contact, Inhalation, Eye contact, Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

SKIN: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

INHALATION: Intentional concentration and inhalation may be harmful or fatal.

INGESTION: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

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CHRONIC EFFECTS: Not available

TARGET ORGANS: Central nervous system, kidneys, lungs, liver, eyes, skin, brain, respiratory tract, urinary tract, reproductive system, cardiovascular system

CANCER INFORMATION: Not available.

CARCINOGENICITY: Not available.

DEVELOPMENTAL INFORMATION: Not available.

TOXICOLOGICAL DATA:

Product Name	LD50 ORAL	LD50 DERMAL	LD50 INHALATION
acetone	N/E	N/E	N/E
propane	1000	1800	N/E
xylene	>3523 mg/kg	>4200 mg/kg	>20 mg/L
n-butane	N/E	N/E	N/E
* titanium dioxide	N/E	N/E	N/E
* ethylbenzene	N/E	N/E	N/E
PM acetate	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	>10.8mg/l (rat) 6hr
n-butyl acetate	>10760 mg/kg (rat)	>14112 mg/kg (rabbit)	>21mg/l (rat) 4hr
ethyl ester	N/E	N/E	N/E
ethyl acetate	>4934 mg/kg	>20000 mg/kg	>22.5 mg/L
aliphatic petroleum naphtha	N/E	N/E	N/E

*may cause cancer

Section 12 - Ecological Information

ENVIRONMENTAL EFFECTS: Not available.

Section 13 - Disposal Considerations

Dispose of container and its contents in accordance with federal, state, and local regulations. Do not puncture, incinerate, or place container in trash compactor.

Section 14 - Transport Information

	DOT (Ground)	IATA (Air)	IMDG (Water)
UN Number	UN1950	UN1950	UN1950
Transport Hazard Class	2.1	2.1	2.1
Packing Group	N/A	N/A	N/A
UN proper shipping name	Aerosols	Aerosols, Flammable	Aerosols
Hazard Label	Limited Quantity	Limited Quantity	Limited Quantity

No component of this product is a listed Marine Pollutant.

SPECIAL PRECAUTIONS FOR USER: Not available.

Section 15 - Regulatory Information

International Chemical Inventory

All components of this product are listed on or exempt from the following inventories: TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

SARA Section 313 Toxic Chemicals:

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XYLENE 1330-20-7, *ETHYLBENZENE 100-41-4

Chemicals listed above are subject to the SARA reporting requirements under 40 CFR 372.45(c)(5).

California Prop65 Chemicals:

*ETHYLBENZENE 100-41-4

*California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Section 16 - Other Information

HMIS: Health = 2 Flammability = 4 Reactivity = 1 Personal Protection = N/A

NFPA 704: Health = 2 Flammability = 4 Instability = 1

HMIS		NFPA	
Health	2	4	1
Flammability	4	2	1
Reactivity	1		
Personal Protection			

DISCLAIMER:

This SDS is based on information believed to be reliable and accurate. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State and Local laws and regulations.

Revision History

6/08/2015 – Original SDS version; approval JH

10/26/2015 – Correction of classification and other data