

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can
Revision Date: June 1, 2015

Contains RUST-OLEUM Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Section 1 - Manufacturer Identification

Product Name: Fed-Std 595B Primer Non-CARC 1K Aerosol Can

MILSPRAY

Military Technologies

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	0
Flammability	4	2	0
Physical Hazard	0		
Personal Protection	X		

Section 2 - Hazards Identification

GHS Ratings:

Flammable Aerosol, category 1
Acute Toxicity, Oral, category 5
Acute Toxicity, Dermal, category 5
Acute Toxicity, Inhalation, category 4
Skin Irritation, category 2
Eye Irritation, category 2
STOT, single exposure, category 3, RTI
STOT, single exposure, category 3, NE
Aspiration Hazard, category 2
Germ Cell Mutagenicity, category 1B
Carcinogenicity, category 1B
STOT, repeated exposure, category 2



GHS Signal Word: Danger

GHS Hazards:

Extremely flammable aerosol.
May be harmful if swallowed.
May be harmful in contact with skin.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May be harmful if swallowed and enters airways.
Contains gas under pressure; may explode if heated.
May cause genetic defects.
May cause cancer.
May cause damage to organs through prolonged or repeated exposure

GHS Precautions

Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Fight fire remotely due to the risk of explosion.
Keep out of reach of children. Read label before use.
Keep only in original container.
Do not breathe fume/gas/mist/vapors/spray.
Do not get in eyes, on skin, or on clothing.
Wash thoroughly after handling. Avoid release to the environment.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, clothing, eye protection/face protection.

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Revision Date: June 1, 2015

Use personal protective equipment as required.
In case of inadequate ventilation wear respiratory protection.
Call a POISON CENTER or doctor if you feel unwell.
Fight fire with normal precautions from a reasonable distance.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Store in a well-ventilated, cool, dry place. Keep container tightly closed.
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.
IF exposed or concerned: Get medical advice.
IF ON SKIN: Wash with plenty of soap and water.

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS No.	Wt. %	GHS Symbol	GHS Statements
Propane	74-98-6	10-25		
Hydrous Magnesium Silicate	14807-96-6	10-25		
Acetone	67-64-1	10-25	GHS02-GHS07	H225-336-319
n-Butane	106-97-8	2.5-10		
Xylene (mixed isomers)	1330-20-7	2.5-10	GHS02-GHS07	H226-312-332-315
Aliphatic Hydrocarbon	64742-89-8	2.5-10	GHS08	H340-350
Mineral Spirits	64742-88-7	2.5-10	GHS06-GHS08	H331-372
n-Butyl Acetate	123-86-4	2.5-10	GHS02-GHS07	H225-336
Aromatic Petroleum Distillates	64742-94-5	2.5-10	GHS06	H227-310

Section 4 - First Aid Measures

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

NOTE TO PHYSICIAN: Not available.

Section 5 - Fire Fighting Measures

FLASH POINT: >94

LEL: N/A

UEL: N/A

SUITABLE EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNSUITABLE EXTINGUISHING MEDIA: Not available.

UNUSUAL FIRE & EXPLOSION HAZARDS: FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Revision Date: June 1, 2015

LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. No unusual fire or explosion hazards noted. Keep containers tightly closed.

PRODUCTS OF COMBUSTION: Not available.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Evacuate area and fight fire from a safe distance. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS: Not available.

ENVIRONMENTAL PRECAUTIONS: Not available.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

Section 7 - Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat.

Section 8 - Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL- TWA	OSHA PEL- CEILING
Propane	74-98-6	20.0	1000 ppm	N.E.	1000 ppm	N.E.
Hydrous Magnesium Silicate	14807-96-6	20.0	2 mg/m3 (Respirable Dust)	N.E.	20 mppcf (Mineral Dust <1% Quartz)	N.E.
Acetone	67-64-1	20.0	500 ppm	750 ppm	1000 ppm	N.E.
n-Butane	106-97-8	10.0	1000 ppm	1000 ppm	N.E.	N.E.
Xylene (mixed isomers)	1330-20-7	10.0	100 ppm	150 ppm	100 ppm	N.E.
Aliphatic Hydrocarbon	64742-89-8	5.0	350 ppm	N.E.	500 ppm	N.E.

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Revision Date: June 1, 2015

Mineral Spirits	64742-88-7	5.0	100 ppm	N.E.	100 ppm	N.E.
n-Butyl Acetate	123-86-4	5.0	150 ppm	200 ppm	150 ppm	N.E.
Aromatic Petroleum Distillates	64742-94-5	5.0	N.E.	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67-7	5.0	10 mg/m3 (Total Dust)	N.E.	15 mg/m3 (Total Dust)	N.E.
Titanium Dioxide	1317-80-2	5.0	10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Ethylbenzene	100-41-4	5.0	20 ppm	125 ppm	100 ppm	N.E.

ENGINEERING CONTROLS: Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

RECOMMENDED VENTILATION: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted averages. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENE: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Section 9 - Physical and Chemical Properties

Appearance: Aerosolized Mist

Physical State: Liquid

Odor: Solvent Like

Odor Threshold: N.E.

Relative Density: 0.851

pH: N.A.

Freeze Point, °C: N.D.

Viscosity: N.D.

Solubility in Water: Slight

Partition Coefficient, noctanol/ water: No Information

Decomposition Temp., °C: No Information

Boiling Range, °C: -11 - 5432

Explosive Limits, vol%: 0.7 - 14.3

Flammability: Does not Support Combustion

Flash Point, °C: >94

Evaporation Rate: Faster than Ether

Auto-ignition Temp., °C: No Information

Vapor Density: Heavier than Air

Vapor Pressure: N.D.

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Revision Date: June 1, 2015

Section 10 - Stability and Reactivity

STABILITY: This product is stable under normal storage conditions.

CONDITIONS TO AVOID: Avoid temperatures above 120 ° F. Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.

INCOMPATIBLE MATERIALS: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur under normal conditions.

Section 11 - Toxicological Information

EFFECTS OF OVEREXPOSURE -

EYE CONTACT: Causes Serious Eye Irritation

SKIN CONTACT: May cause skin irritation. Allergic reactions are possible.

INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010) May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage.

LIKELY ROUTES OF EXPOSURE: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

TARGET ORGANS: Not available.

CANCER INFORMATION: Not available.

Carcinogenicity: Not available.

DEVELOPMENTAL INFORMATION: Not available.

ACUTE TOXICITY:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
74-98-6	Propane	N.I.	N.I.	658 mg/L Rat
1330-20-7	Xylene (mixed isomers)	4300 mg/kg Rat	N.I.	47635 mg/L Rat
64742-89-8	Aliphatic Hydrocarbon	N.I.	3000 mg/kg Rabbit	N.I.
64742-88-7	Mineral Spirits	>5000 mg/kg Rat	3000 mg/kg	>5.28 mg/L Rat

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can

Revision Date: June 1, 2015

123-86-4	n-Butyl Acetate	N.I.	Rabbit >17600 mg/kg Rabbit	N.I.
64742-94-5	Aromatic Petroleum Distillates	>5000 mg/kg Rat	>2 mL/kg Rabbit	N.I.
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	N.I.	N.I.
100-41-4	Ethylbenzene	3500 mg/kg Rat	15354 mg/kg Rabbit	17.2 mg/L Rat

Section 12 - Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

Section 13 - Disposal Considerations

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

Section 14 - Transport Information

	Domestic (USDOT)	IMDG	IATA	TDG (Canada)
UN Number:	N.A.	1950	1950	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Aerosols	Aerosols	Paint Products in Limited Quantities
Hazard Class:	N.A.	2.1	2.1	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	Yes	Yes	Yes	Yes

Section 15 - Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.
Xylene (mixed isomers)	1330-20-7
Ethylbenzene	100-41-4

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

Safety Data Sheet

MILSPRAY Fed-Std 595B Primer Non-CARC 1K Aerosol Can
Revision Date: June 1, 2015

Chemical Name	CAS-No.
Phthalic Anhydride	85-44-9

CALIFORNIA PROPOSITION 65:

WARNING: This product contains a substance known to the State of California to cause cancer.

Chemical Name	CAS-No.
Titanium Dioxide	13463-67-7
Titanium Dioxide	1317-80-2
Ethylbenzene	100-41-4
Naphthalene	91-20-3
Carbon Black	1333-86-4
Crystalline Silica/Quartz	14808-60-7
Cristobalite	14464-46-1
Benzene	71-43-2

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

WARNING: This product contains a substance known to the State of California to cause birth defects or other reproductive harm.

Chemical Name	CAS-No.
Toluene	108-88-3
Benzene	71-43-2

International Regulations:

CANADIAN WHMIS:

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Section 16 - Other Information

HMIS: Health = 2* Flammability = 4 Physical Hazard = 0 Personal Protection = X

NFPA 704: Health = 2 Flammability = 4 Instability = 0

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

6/01/2015 - Original SDS version; approval JH