



McLube Division
McGee Industries, Inc.

MATERIAL SAFETY DATA SHEET SAILKOTE AEROSOL

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08/05/2010

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name and Address:	Telephone Numbers:
McGee Industries, Inc.	Emergency - Business Hours: (800) 262-5823
9 Crozerville Road	Emergency - After Hours: (800) 424-9300
P. O. Box 2425	Company Phone Number: (610) 459-1890
Aston, PA 19014-0425	Company Facsimile: (610) 459-9538
Product or Trade Name:	MSDS Revisions: See section 16
Sailkote Aerosol	MSDS Issue Date: 08/05/2010
Chemical Name and Synonyms:	Supersedes Date: 02/04/2008
Fluoropolymer Dispersion	

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

Appearance/Odor: White, translucent liquid, alcohol odor.
WARNING
Heating above 500°F (260°C) may cause formation of potentially toxic substances.

OSHA Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Likely Routes of Exposure: Eye contact, skin contact, inhalation.
Eye: Mild irritation.
Skin: Mild irritation.
Ingestion: Low oral toxicity.
Inhalation: Prolonged breathing of high concentrations of vapor may cause drowsiness and irritation. These conditions would not be experienced in normal use but only by spraying in a confined area for prolonged periods or through deliberate abuse.

Target Organs: Central nervous systems, lungs, eyes, skin
Carcinogenicity: None of the components in this product is listed by IARC, NTP, or OSHA as a carcinogen.

Potential Environmental Effects None known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Component</u>	<u>CAS#</u>	<u>% By Wt.</u>
Heptane*	mixture	20-25
Ethyl alcohol	64-17-5	5-10
Toluene	108-88-3	15-20
Isopropanol/isopropyl alcohol	67-63-0	1-6
Dimethyl ether (propellant)	115-10-6	22-28
n-Butane (propellant)	106-97-8	10-15
Propane (propellant)	74-98-6	10-15
*Composition of Heptane:		
Heptane, all isomers	Mixture	70-90
Octane, all isomers	108-87-2	1-10
Methylcyclohexane	Mixture	1-10
Nonane, all isomers	Mixture	<1



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SECTION 4 FIRST AID MEASURES

Eye Contact:	Flush with water. Call a physician.
Skin Contact:	Wash off in flowing water.
Inhalation:	Remove to fresh air. Call a physician.
Ingestion:	Do not induce vomiting. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Flammable Properties:	Aerosol spray is classed as nonflammable since it passes the flame projection test, ASTM D-3065. However, due to the presence of flammable solvents and dimethyl ether propellant, which is flammable, aerosol should not be sprayed in or near open flames or other ignition sources.
Suitable Extinguishing Media:	Water spray, CO ₂ , or dry chemical.
Special Fire Fighting Procedures:	Water fog may be used to cool fire-exposed containers.
Unusual Fire and Explosion Hazards:	Containers may explode when exposed to extreme heat. Heating above 500°F (260°C) may cause formation of potentially toxic substances.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protection recommended in Section 8.
Methods for Containment:	Eliminate ignition sources. Soak up with inert absorbent such as sand, earth or vermiculite.
Methods for Clean-Up:	Put in closed container for prompt disposal.

SECTION 7 HANDLING AND STORAGE

Handling:	Contents under pressure. Do not puncture or incinerate can.
Storage:	Do not place can on or near heated surfaces.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:	<u>ACGIH TLV</u>
<u>Component</u>	<u>TWA</u>
Heptane*	400 ppm
Ethyl alcohol	1000 ppm
Toluene	50 ppm
Isopropanol/isopropyl alcohol	400 ppm
Dimethyl ether (propellant)	None established
n-Butane	800 ppm
Propane (propellant)	1000 ppm
*Composition of Heptane:	
Heptane, all isomers	400 ppm
Octane, all isomers	300 ppm
Methylcyclohexane	400 ppm
Nonane, all isomers	200 ppm
Engineering Controls:	Provide ventilation to control vapor to below standard. As a general rule, 10 air changes per hour are recommended.
Eye/Face Protection:	Avoid contact with eyes. Safety glasses recommended.



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Skin Protection: Avoid contact with skin. Gloves, boots or apron are not required for normal aerosol use.

Respiratory Protection: Avoid prolonged and/or deliberate breathing of spray mist. Use with adequate ventilation especially in enclosed areas. In absence of environmental control, use an approved organic vapor-type respirator.

General Hygiene Considerations: Wash hands thoroughly after handling. Do not smoke while using nor contaminate tobacco products.

Other: Personal protection to be determined by user depending on use conditions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties apply to concentrate (less propellant)

Color:	White, translucent
Odor:	Alcohol odor
Physical State:	Liquid
Melting Point (solids):	Not Applicable
Boiling Range (@ 760 mm Hg):	172-230°F (77-110°C)
Flash Point (test method):	24° (-4°C)
Flammability:	Flammable
Vapor Pressure (@ 68°F (20°C)):	46 psi
Vapor Density (Air=1):	3.5
Specific Gravity:	0.8
Solubility in Water (% by Wt.):	<10
Partition Coefficient:	None Determined
% Volatiles by Weight:	92-98
Evaporation Rate (Butyl acetate=1):	2.8

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, hydrogen chloride, hydrogen fluoride and possibly small quantities of carbonyl halides.
Polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

For n-Heptane: Inhalation rat LC₅₀: 103 gm/m³/4H

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	Ecotoxicity data are not available for this product
Environmental Fate:	This mixture will normally float on water with its lighter components evaporating rapidly.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in compliance with local, state and federal regulations.



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SECTION 14 TRANSPORTATION INFORMATION

US DOT (ground)

Proper Shipping Name: Consumer Commodity
Hazard Class: ORM-D
UN Number:
Packing Group:

Canadian TDG (ground)

Proper Shipping Description: See US DOT

ICAO (air)

Proper Shipping Description: Consumer Commodity, 9, ID8000

IMDG (water)

Proper Shipping Description: Aerosols, 2.1, UN1950, LIMITED QUANTITY

SECTION 15 REGULATORY INFORMATION

SARA Title III Section 313 Information

<u>Component</u>	<u>CAS #</u>	<u>% by Wt.</u>
Toluene	108-88-3	15-20

Toluene is a toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986.

Toxic Substances Control Act (TSCA)

This product and/or its components are listed on the TSCA inventory.

SECTION 16 OTHER INFORMATION

HMIS Rating System

Health – 2 Flammability - 3 Reactivity - 0

MSDS Revision Information

05/10/2006	Modified to conform to 16 part format of ANSI Standard Z400.1-2004
04/05/2007	Modified to correct environmental and ecological hazards identifications.
02/04/2008	Modified to reflect new transportation information.
08/05/2010	Modified to correct information on ingredients and exposure controls.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.