



Tompkins Industries, Inc.

Material Safety Data Sheet

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	Tompkins® D-G Silicone F-G	Date Printed	1/11/2005
Product ID No.	TOMP-008	Approval Date	1/11/2005
Supplier	Tompkins® Industries, Inc. 944 N. Chestnut Trafficway Kansas City, MO 64120 USA	Supersedes Date	1/10/2005
Chemical Family	Mixture	CAS #	COMPLEX MIXTURE CAS Number Not Applicable
Material Uses	Lubricant	In Case of Emergency	CHEM-TEL: 800-255-3924 (North America) 813-248-0585 Collect (International)
		Information	Phone: 800-255-1008 Fax: 800-959-3333 www.tompkinsindustries.com

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.			
Heptane	400 ppm, OSHA	142-82-5	60-80
Butane	800 ppm, OSHA	106-97-8	5-10
Propane	1000 ppm, OSHA	74-98-6	20-30
LC ₅₀ , LD ₅₀ of Ingredients	Not available		

Section III. Hazards Identification

Emergency Overview	Reports have associated repeated and prolonged occupational overexposure to solvents with liver, kidney, brain and nervous system damage. Asthma and other respiratory ailments may be aggravated by exposure. Chemical sensitization may occur.
Potential Health Effects:	
Eye Contact	Contact may cause redness, irritation, tearing and blurred vision.
Skin Contact	Contact may dry skin, causing cracks and irritation.
Ingestion	There is a danger of this product being aspirated into the lungs during vomiting. Aspiration can result in severe lung damage or death.
Inhalation	Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Product has an anesthetic effect. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma may occur.

Continued on Next Page

Section III. Hazards Identification (cont'd)

HMIS Code	Health: 1	Fire: 4	Reactivity: 1
NFPA Code	Health: 1	Fire: 4	Reactivity: 1

Section IV. First Aid Measures

Eye Contact	Flush with large amounts of water, occasionally lifting upper and lower eyelids. Remove contact lenses. If irritation occurs, contact physician immediately.
Skin Contact	Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder it before reuse. Destroy or properly dispose of contaminated shoes. Should any irritation persist, get medical attention.
Ingestion	Ingestion is not considered a potential route of exposure as an aerosol but, if swallowed, DO NOT induce vomiting. If spontaneous vomiting is about to occur, place the victim's head below his knees to prevent aspiration. Drink 1 to 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move person to area with fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give CPR. Contact physician immediately.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available
Flash Point	Not available
Flammable Limits (Approx.)	LOWER Flammable Limit: Not available UPPER Flammable Limit: Not available
Explosion Hazards	See Lower and Upper Flammable Limits
Products of Combustion	Carbon monoxide, carbon dioxide.
Fire Fighting Media and Instructions	Use (NFPA) Class B extinguisher, carbon dioxide, or foam as extinguishing media. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection Guide on Hazardous Materials. Pressure build-up due to heat exposure may cause containers to explode. Water may be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from explosives. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
Special Remarks - Fire and Explosion Hazards	Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F (49°C). Do not puncture or incinerate. Firefighters should wear full protective gear, including SCBA's in a positive-pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground away from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively. Do not use direct stream of water because product will float and can reignite on surface of water.

Section VI. Accidental Release Measures

Release or Spill	Recover free product with absorbent materials and non-sparking tools. Minimize breathing vapors. Minimize skin contact. Eliminate all sources of ignition. Provide ventilation. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
Environmental Impact	Report spills as required to the appropriate authorities. U.S. Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

Section VII. Handling and Storage

Handling and Storage	Store in tightly sealed containers. Do not store in direct sunlight. Keep away from heat, sparks and open flame. Store containers below 120°F (49°C). Do not throw empty container into fire or trash compactor. Do not get in eyes, on skin or on clothing. Do not breath vapor or mist. Do not store or transfer to unmarked container. Read label before using. Do not smoke when handling or using this product. Do not cut on empty containers as they may contain vapors that are flammable. Prevent prolonged or repeated breathing of vapor or spray mist. Use with adequate ventilation. Do not take internally. Keep out of reach of children.
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Section VIII. Exposure Controls and Personal Protection

Respiratory Protection	In open areas with unrestricted ventilation, a NIOSH/MSHA respirator to remove solid airborne particles of overspray may be used if prolonged or repeated exposure is likely. In areas with restricted ventilation, the use of an approved chemical/mechanical filter designed to remove both particles and organic vapors is recommended.
Ventilation	Supply sufficient ventilation to keep air contaminant concentration below current OSHA (PEL) or ACGIH (TLV) limits.
Protective Gloves	Use protective gloves if contact with product is likely.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	Wash hands before eating or using washroom.
Engineering Controls	Implement engineering controls so that workplace exposure limit(s) of product or any component is not exceeded. Use impervious protective clothing (gloves, boots, apron or full body suit) depending on operation.
Exposure Limit	See PEL/TLV of ingredients in Section II

Section IX. Physical and Chemical Properties

Appearance/Odor	Clear with mild solvent odor	Vapor Pressure	Not available
		Vapor Density	Heavier than air
Odor Threshold	Not available	Percent Volatile	50-96%
Specific Gravity	Not available	Evaporation Rate	Slower than ether
Density	5.443 lbs/gallon	Viscosity	Not available
Molecular Weight	Not available	Solubility in Water	Negligible
pH	Not available	Coefficient of Water/Oil Distribution	Not available
Boiling Point	Not available	Physical State	Liquid and compressed gas in aerosol can
Freezing/Melting Point	Not available		

Section X. Stability and Reactivity Data

Stability	Stable under normal temperatures and pressures.
Conditions of Reactivity	Not available
Conditions and Materials to Avoid	Avoid heat, sparks and open flames.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

Section XI. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, ingestion.
Toxicity to Animals	Not available
Effects of Acute Exposure	Not available
Acute Effects of Sensitization	Not available
Ingestion	Not available
Inhalation	Not available
Toxically Synergistic Products	Not available
Chronic Effects on Humans:	
Carcinogenic Effects	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].
Mutagenic Effects	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

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Section XI. Toxicological Information (cont'd)

Teratogenic Effects	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
Reproductive Effects	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

Section XII. Ecological Information

Ecotoxicity	There is no data available on the adverse effects of this material on the environment.
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Section XIII. Disposal Considerations

Waste Disposal	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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Section XIV. Transportation Information

I.A.T.A. Air Transportation:		U.S. D.O.T. Ground Transportation:	
Shipping Name	Aerosols, flammable, n.o.s.	Shipping Name	Consumer Commodity ORM-D
Hazard Class	2.1		
UN Number	UN1950		
Packing Group	None	U.S. D.O.T. Remarks	The above U.S. D.O.T. information applies to shipping BY GROUND ONLY.
I.A.T.A. Remarks	None		

Section XV. Regulatory Information

U.S. Federal Regulations:	
CERCLA	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 : None
SARA (Section 313)	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
SARA Extremely Hazardous List	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
TSCA Inventory	All components of this material are on the U.S. TSCA Inventory.
California Prop. 65	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None

International Regulations:

Canada	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
Japan MITI	Not available
Australia	Not available
Switzerland	Not available

Section XVI. Other Information

Approval Date	1/11/2005
Supersedes Date	1/10/2005
Sections Revised Since Last Version	None

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