

MATERIAL SAFETY DATA SHEET

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: MASTERS SILICONE TOOLING FOAM
Chemical family: DETERGENT
Product use: CLEANER

Supplier name and address:
G.F. THOMPSON CO. LTD.
620 Steven Court
Newmarket, Ontario L3Y 6Z2

Manufacturer name and address:
Refer to supplier.

Emergency Tel. #: 905-898-2557

WHMIS CLASS: A, D2B

SECTION II - INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>% (Volume)</u>	<u>Exposure Limit</u>	<u>LD/Route Species</u>	<u>LC/50 Route Species</u>
Diethylene Glycol Monoethyl Ether	111-90-0	1 – 5	Not Available	6500mg/kg Rat Oral	Not Available
Isobutane	75-28-5	1 – 5	1000ppm	Not Applicable	142,500 ppm (4h) Inhal-Rat
Propane	74-98-6	0.1 – 1	1000ppm	>5000 mg/kg Dermal-Rabbits	Not Available

SECTION III – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Aerosol
APPEARANCE:	Cloudy, White
ODOUR:	Characteristic
ODOUR THRESHOLD:	Not Available
VAPOUR PRESSURE (PSIG) -Aerosol: @20°C	45-55
BOILING POINT (CONC):	100°C (212°F) Based on Data for Water
EVAPORATION RATE: n-Butyl Acetate=1	Less than 1
VAPOUR DENSITY (Air=1): (By Weight)	Greater than 1
SOLUBILITY IN WATER g/L (20°C):	Complete
pH:	10.5-11.0
SPECIFIC GRAVITY (Liquid):	0.96-1.00
COEFFICIENT OF WATER/OIL DIST:	Not Available
FREEZING POINT (°C):	Not Available
AEROSOL PERCENT VOLATILE: (By Weight)	99-100
SPECIFIC GRAVITY (Aerosol):	0.92-0.96

SECTION IV – HAZARDS IDENTIFICATION

ROUTE OF ENTRY:	
INGESTION:	May cause headache, nausea, vomiting and weakness.
INHALATION:	Inhalation of solvents may cause irritation. Propellant is a simple asphyxiant.
EYE CONTACT:	Contains materials that are moderately irritating to the eyes.
SKIN ABSORPTION:	May cause irritation.
SKIN CONTACT:	May cause irritation.
EFFECTS OF ACUTE EXPOSURE:	Dizziness, nausea, irritation to skin and eyes.
EFFECTS OF CHRONIC EXPOSURE:	Solvents may cause Defatting Dermatitis
EXPOSURE LIMIT OF MATERIAL:	See section II.

SECTION V – FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE:	In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. If affected by inhalation or vapour, remove to fresh air. If swallowed; do not induce vomiting and get medical attention. For any skin irritations / allergic reactions; stop use immediately and get medical attention.
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SECTION VI – FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE:	Not Available
SPECIAL PROCEDURES:	Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material.
FLAMMABILITY:	Not a flammable product (as per Canadian Aerosol Regulations)
IF YES, UNDER WHICH CONDITIONS?	Excessive heat, sparks and open flame.
EXTINGUISHING MEDIA:	Water, Carbon Dioxide, Dry Chemical, Foam
FLASH POINT TAG CLOSED CUP:	Lowest known value is Diethylene Glycol Ethyl Ether @ 102°C
UPPER FLAMMABLE LIMIT:	23.5
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT:	1.2
(% BY VOLUME)	
EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE:	Not Applicable
SENSITIVITY TO IMPACT:	Not Applicable

SECTION VI – FIRE FIGHTING MEASURES (CONT'D)

HAZARDOUS COMBUSTION

PRODUCTS: Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.

AEROSOL FLAME PROJECTION

CLASSIFIED AS: 0 cm

FLASHBACK: None

SECTION VII – ACCIDENTAL RELEASE MEASURES

LEAK / SPILL: Remove all sources of ignition. Use an inert absorbent material and non-sparking tools. Ventilate area. Prevent from entering a watercourse.

SECTION VIII – HANDLING AND STORAGE

STORAGE NEEDS: Keep away from heat, sparks and open flames.
ENGINEERING CONTROLS: Ventilation – local (mechanical if used indoors on a continuous basis)
HANDLING PROCEDURES AND EQUIPMENT: Store in a cool, well ventilated area not to exceed 50°C.
SYNERGISTIC MATERIALS: None known.

SECTION IX – EXPOSURE CONTROL / PERSONAL PROTECTION

GLOVES / TYPE: Wear chemical resistant gloves.
RESPIRATORY / TYPE: If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH/MSHATC 23C or equivalent) is recommended.
EYE / TYPE: Safety Glasses
FOOTWEAR / TYPE: Not normally required
OTHER / TYPE: Not required.

SECTION X – STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION: Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.
CHEMICAL STABILITY:
YES: Under normal conditions
NO WHICH CONDITIONS: Not applicable
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES: Strong Oxidizing Agents
REACTIVITY CONDITIONS: Not applicable
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS: No information is available and no adverse reproductive effects are anticipated.

IRRITANCY OF MATERIAL: Skin / eye irritant.

SENSITIZING CAPABILITY OF MATERIAL: Unknown

CARCINOGENICITY OF MATERIAL: The ingredients of this product are not listed as carcinogens by NTP, (National Toxicology Program) not regulated as carcinogens by OSHA, (Occupational Safety and Health Administration), and have not been evaluated by IARC, (International Agency for Research on Cancer), nor by ACGIH (American Conference of Governmental Industrial Hygienists).

TERATOGENICITY: No information is available and no adverse teratogenic effects are anticipated.

MUTAGENICITY: No information is available and no adverse mutagenic effects are anticipated.

SECTION XII – ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL: Not Available

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Do not puncture or incinerate containers even when empty. Dispose of in accordance with Local, Provincial and Federal Regulations.

SECTION XIV – TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION: Consumer Commodity (Aerosols, UN1950, CLASS 2.2)

D.O.T. CLASSIFICATION: Consumer Commodity, ORM-D

SECTION XV – REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: A, D2B

CNFC SECTION 3.3.5 Level 1

CEPA (Canadian Environmental Protection Act): All substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed

VOC (w/w %): 8

SECTION XVI – PREPARATION INFORMATION

PREPARED BY: G. F. THOMPSON CO. LTD

DATE: MARCH 8, 2011

TELEPHONE #: 905-898-2557