

## **MATERIAL SAFETY DATA SHEET**

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### SECTION I - PRODUCT IDENTIFICATION

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**Product name:** MASTERS Silicone Tooling Foam

**Product use:** Cleaner

**Supplier name and address:**

G.F. THOMPSON CO. LTD.  
620 Steven Court, Unit 11  
Newmarket, Ontario  
L3Y 6Z2

**Manufacturer name and address:**

Refer to supplier

**Emergency Tel. #:**

Mon – Fri, 7:30 am to 5:00 pm EST

905-898-2557

800-499-3673 (toll free)

**24 hr Emergency Tel:**

905-252-6219 or 416-786-4336

**WHMIS CLASS:**A,D2B

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### SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

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Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
DIETHYLENE GLYCOL MONOETHYL ETHER	1-5	N/Av	111-90-0	6500 mg/kg RAT ORAL	N/Av
ISOBUTANE	1-5	1000 ppm	75-28-5 N/A		142,500 ppm (4h) INHAL RAT
PROPANE	0.1-1.0	1000 ppm	74-98-6	>5000 mg/kg Dermal-Rabbits	N/Av

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### SECTION III - HAZARDS IDENTIFICATION

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ROUTE OF ENTRY:

INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIAN.
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 & EYES.
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS .
EXPOSURE LIMIT OF MATERIAL.....	SEE SECTION 2.

#### SECTION IV - 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 VAPOR, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITTING AND GET MEDICAL ATTENTION. FOR ANY SKIN IRRITATIONS/ ALLERGIC REACTIONS; STOP USE IMMEDIATELY AND GET MEDICAL ATTENTION.

#### SECTION V - FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 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 (C), 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.  
 HAZARDOUS COMBUSTION PRODUCTS.. HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.  
 AEROSOL FLAME PROJECTION  
 CLASSIFIED AS:..... 0 cm.  
 FLASHBACK..... NONE.

#### SECTION VI - 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 VII - 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 DEG C.  
 SYNERGISTIC MATERIALS..... NONE KNOWN.

### SECTION VIII - EXPOSURE CONTROLS/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 IX- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	AEROSOL.
APPEARANCE.....	CLOUDY, WHITE.
ODOR.....	CHARACTERISTIC.
ODOR THRESHOLD.....	NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL.....	45-55.
@ 20 C	
BOILING POINT (°C)(CONC).....	100°C (212°F) BASED ON DATA FOR WATER.
EVAPORATION RATE.....	LESS THAN 1.
n-BUTYL ACETATE = 1	
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
(BY WEIGHT)	
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.....	99-100.
(BY WEIGHT).	
SPECIFIC GRAVITY (AEROSOL).....	0.92-0.96.

### 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.

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## SECTION XII – ECOLOGICAL CONSIDERATIONS

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ENVIRONMENTAL..... NOT AVAILABLE.

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## SECTION XIII – DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

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## SECTION XIV – TRANSPORTATION INFORMATION

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T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.2).

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

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## SECTION XV – REGULATORY INFORMATION

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### 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.

### U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.

HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.

HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.

HMIS RATING PERSONAL PROTECTION..... B.

NFPA CODE 30B..... LEVEL 1.

SARA 313 INFORMATION: THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. .

CAS #: CHEMICAL NAME: N/A.

CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

WARNING: THIS PRODUCT DOES NOT INTENTIONALLY  
CONTAIN ANY CHEMICALS KNOWN  
TO THE STATE OF CALIFORNIA TO CAUSE CANCER,  
BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.  
TSCA (Toxic Substances Control Act)..... . CAS #: CHEMICAL NAME: N/A.  
ALL COMPONENT OF THIS PRODUCT ARE LISTED ON  
THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN  
THIS PRODUCT ARE EXEMPT FROM LISTING.  
VOC (w/w%)..... 8%

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**SECTION XVI – OTHER INFORMATION**

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NOTICE FROM G. F. THOMPSON CO. LTD. INC .

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED FREE OF CHARGE.  
WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR  
OWN RISK. G. F. THOMPSON CO. LTD. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING  
OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA  
SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT  
RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY..... G. F. THOMPSON CO. LTD.  
PREPARATION DATE ..... SEPTEMBER 30, 2015