

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: MASTERS 770 Yellow Low VOC Cement for Plastic Pipe

Product Use: General Purpose Adhesive

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:

905-252-4793

WHMIS Classification: CLASS B, DIVISION 2

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>% by Wgt</u>	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>	<u>OSHA-STEL</u>
Methyl Ethyl Ketone (MEK)	78-93-3	3-10	200 PPM	300 PPM	200 PPM	300 PPM
Toluene	108-88-3	75-85	50 PPM	150 PPM	300 PPM	

SECTION III – PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Yellow, medium syrupy liquid
Odour:	Ketone
Odour Threshold:	5.4ppm (MEK)
pH:	Not Applicable
Melting/Freezing Point:	-86° C (-123° F) Based on first melting component: MEK
Boiling Point:	80°C (176° F) Based on first boiling component: MEK
Evaporation rate:	>1.0 (BUAC = 1)
Flash Point:	-9°C (16°F) TCC based on MEK
Flammability:	Category 2
Flammability Limits:	LEL: 1.2% based on Toluene UEL: 11.4% based on MEK

SECTION VII– FIRST AID MEASURES
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- Contact with eyes:** Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
- Inhalation:** Remove to fresh air. If breathing is stopped, give artificial respiration, If breathing is difficult, give oxygen. Seek medical advice.
- Ingestion:** Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.
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SECTION VIII – ACCIDENTAL RELEASE
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- Personal Precautions:** Keep away from heat, sparks and open flame
Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin.
- Environmental Precautions:** Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
- Methods for Cleaning up:** Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.
- Materials not to be used for clean up:** Aluminum or plastic containers.
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SECTION IX – HANDLING AND STORAGE
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- Handling:** Avoid breathing of vapour, avoid contact with eyes, skin and clothing.
Keep away from ignition sources, use only electrically grounded equipment and ensure adequate ventilation / fume exhaust hoods.
Do not eat, drink or smoke while handling.
- Storage:** Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.
Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates. Follow all precautionary information on container label, product bulletins and solvent cementing literature.
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SECTION X – PERSONAL PROTECTION
=====**Personal Protective Equipment (PPE):**

- Eye Protection:** Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glassed (spectacles) with brow guards and side shields etc as may be appropriate for the exposure.
- Skin Protection:** Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion. Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
- Respiratory Protection:** Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminated below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.
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SECTION XI – TRANSPORT INFORMATION

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Proper Shipping Name:	Adhesive
Hazard Class:	3
Identification Number:	UN 1133
Packaging Group:	PGII
Labels Required:	Class 3 Flammable Liquid
DOT Limited Quantity:	Up to 5L per inner packaging: 30kg gross weight per package:
Consumer Commodity:	Depending on packaging, these quantities may qualify under DOT as "ORM-D"

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SECTION XII- PREPARATION INFORMATION

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Prepared by: G. F. Thompson Co. Ltd.
Date: December 1, 2012