

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product name: MASTERS A-PLUS
Product use: Anaerobic adhesive sealant for pipe threads and gaskets.
Chemical family: Mixture

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: D1A, D2B

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>wt. %</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyglycol Dimethacrylate	25852-47-5	20-35	None	None	None
Polymeric plasticizer	29408-67-1	20-30	None	None	None
Bisphenol A fumarate resin	39382-25-7	15-25	None	None	None
Polyethylene	9002-88-4	5-10	None	None	None
Polytetrafluoroethylene	9002-84-0	5-10	None	None	AEL (Dupont) 10 mg/m ³ , 8Hr TWA, total dust: 5mg/m ³ , 8 Hr. TWA respirable dust
Titanium dioxide	13463-67-7	1-5	10mg/m ³ TWA	15 mg/m ³ TWA (total dust)	None
Cumene hydroperoxide	80-15-9	1-3	None	None	1 ppm(6mg/m ³) Skin (WEEL)
Saccharin	81-07-2	1-3	None	None	None
Fumed Silica	7631-86-9	1-3	6mg/m ³ TWA	10mg/m ³ TWA	3mg/m ³ TWA respirable dust

SECTION III – PHYSICAL DATA

Physical State: Paste
Colour: White
Odour: Mild
Vapour Pressure: Less than 10 mm @ 80° F
Vapour Density: Not Available
Solubility in Water: Slight
Specific Gravity: 1.16
Boiling Point: > 300° F
Volatile Organic Compound Content: 0.12%; 1.4g/liter
Evaporation Rate (Ether = 1): Not Available
pH: Does not apply

SECTION IV – FIREFIGHTING MEASURES

Flash Point (TCC): 200° F
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: None
Hazardous Combustion Products: Oxides of carbon. Toxic fluorine compounds. Irritating organic vapours
Unusual Fire or Explosion Hazards: None
Flammable/Explosive Limits – lower %: Not available
Flammable/Explosive Limits – upper %: Not available

SECTION V - STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Oxides of carbon. Toxic fluorine compounds. Irritating organic vapours
Incompatibility: Strong oxidizers

SECTION VI – EMERGENCY OVERVIEW

HMIS:	
HEALTH:	2
FLAMMABILITY:	1
PHYSICAL HAZARD:	1

WARNING:
CAUSES EYE IRRITATION.
MAY CAUSE ALLERGIC REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Primary Routes of Entry: Skin, Inhalation, Eyes
Signs and Symptoms of Exposure:
Inhalation: May cause respiratory tract irritation. Vapours may cause headaches, nausea, dizziness and respiratory tract irritation. May cause symptoms of intoxication.
Skin Contact: May cause allergic skin reaction. May cause skin irritation.
Eye Contact: Contact with eyes will cause irritation.
Ingestion: Not expected to be harmful by ingestion.
Existing Conditions Aggravated By Exposure: Eye, skin, and respiratory disorders.

SECTION VII - FIRST AID

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention
Skin Contact:	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye Contact:	Flush with copious amounts of water, preferably lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

SECTION VIII – PERSONAL PROTECTION

Eye/Face Protection:	Safety glasses or goggles with side shields
Skin Protection:	Use rubber or plastic gloves and protective clothing as necessary
Respiratory Protection:	Use NIOSH approved respirator if there is a potential to exceed exposure limits
Engineering Controls:	Forced ventilation may be required if concentrations exceed exposure limits

SECTION IX – HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapour and mist. Wash thoroughly after handling. Use only with adequate ventilation.
Storage:	Store between 46° and 82°F unless otherwise labelled to preserve shelf life.

Special Shipping Information:

Transportation of Dangerous Goods Regulations (TDGR): Not regulated for transport by ground within Canada.

SECTION X- ACCIDENTAL RELEASE MEASURES/ DISPOSAL

Personal Precautions:	Wear proper protective equipment
Measures for Environmental Protection:	Do not allow entry into drains or surface waters
Clean-up Measures:	Soak up with an inert absorbent. Store in partly filled, closed container until disposal.
Recommended method of disposal:	Dispose of according to Federal, Provincial and Local regulations.

SECTION XI- PREPARATION INFORMATION

Prepared by: G. F. THOMPSON CO. LTD.
Telephone No. 905-898-2557
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