

**MATERIAL SAFETY DATA SHEET**

Printed: 5/29/08

POLYSTYRENE (IMPACT)**PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ARKEMA CANADA INC.
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(613) 996-6666 (CANUTEC)

PRODUCT IDENTIFIER: POLYSTYRENE – HIPS 2210, HIPS 6110, HIPS 6420, HIPS 6470,
HIPS 825P1, HIPS 830, MIPS 2220, MIPS 625P1

PRODUCT CODE: AP-P83

PRODUCT USE: INJECTION MOULDING & EXTRUSION

WHMIS CLASSIFICATION: NOT CONTROLLED

HAZARDOUS INGREDIENTS

	%W/W	CAS #	TLV
NA			

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):
POLYSTYRENE

PHYSICAL DATA

PHYSICAL STATE: SOLID

ODOUR AND APPEARANCE: ODOURLESS WHITE PELLETS.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 1.04 (WATER = 1)

VAPOUR PRESSURE: NE

VAPOUR DENSITY (AIR=1): NE

VOLATILITY/VOL(%): NEGLIGIBLE

SOLUBILITY IN H₂O: INSOLUBLE IN WATER.

EVAPORATION RATE: NE

BOILING POINT: NE

FREEZING POINT: >132.22°C (270°F)

PH: NA

LOG KOW: NE

SHIPPING INFORMATION

THIS PRODUCT IS NOT TDG REGULATED.

FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY
CHEMICAL. DO **NOT** USE WATER JET.

FLASHPOINT: NA

UPPER EXPLOSION LIMIT (% V): NE

LOWER EXPLOSION LIMIT (%V): NE

AUTO-IGNITION TEMPERATURE: 440°C (824°F)

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON.

EXPLOSION DATA: NE

SENSITIVITY TO IMPACT: NO

SENSITIVITY TO STATIC DISCHARGE: AVOID ACCUMULATION OF STATIC ELECTRICITY AND
POSSIBLE FORMATION OF DUST DURING TRANSFER OF

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

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POLYSTYRENE (IMPACT)POWDER INTO METALLIC INSTALLATIONS. PROVIDE
GROUNDING.**REACTIVITY**

CHEMICAL STABILITY:	STABLE
INCOMPATIBLE MATERIALS:	STRONG OXIDIZING AGENTS.
CONDITIONS OF REACTIVITY:	NE
HAZARDOUS DECOMPOSITION PRODUCTS:	NE

HEALTH HAZARD INFORMATION

ROUTE OF ENTRY	
SKIN CONTACT:	PROCESSING VAPOURS MAY CAUSE IRRITATION.
SKIN ABSORPTION:	NE
EYE:	PROCESSING VAPOURS MAY CAUSE IRRITATION.
INGESTION:	NOT EXPECTED TO BE HARMFUL.
INHALATION:	PROCESSING VAPOURS MAY CAUSE IRRITATION.
ACUTE OVER EXPOSURE EFFECTS:	NE
CHRONIC OVER EXPOSURE EFFECTS:	NE
SENSITIZATION:	DOES NOT MEET WHMIS CRITERIA.
CARCINOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
TERATOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
MUTAGENICITY:	DOES NOT MEET WHMIS CRITERIA.
REPRODUCTIVE TOXICITY:	DOES NOT MEET WHMIS CRITERIA.

PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:	WEAR SAFETY GLASSES AND USE IMPERVIOUS GLOVES.
SPECIFIC ENGINEERING CONTROLS:	LOCAL EXHAUST IS RECOMMENDED.
LEAK AND SPILL PROCEDURES:	SWEEP OR SCOOP UP AND PLACE IN A CLOSED CONTAINER.
WASTE DISPOSAL:	CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.
HANDLING PROCEDURES AND EQUIPMENT:	WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.
STORAGE REQUIREMENTS:	KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA.

FIRST AID MEASURES

EYE	FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
SKIN	WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
INGESTION	NONE REQUIRED.
INHALATION	REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION.

PREPARATION DATE

PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	11/15/01

NA - NOT APPLICABLE

NE - NOT ESTABLISHED



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DATE REVISED (MM/DD/YY): 05/27/08

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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