

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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| • PRODUCT IDENTIFIER | Expanded Polystyrene (EPS) |
| • PRODUCT USE | Insulation, packaging, cushioning |
| • MANUFACTURER'S NAME | Beaver Plastics Ltd. |
| • STREET ADDRESS | 12150 - 160 Street |
| • CITY | Edmonton |
| • PROVINCE | Alberta |
| • POSTAL CODE | T5V 1H5 |
| • EMERGENCY PHONE NUMBER | 1 888 453 5961 or 1 780 962 4381 |

SECTION 2 - INGREDIENTS

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| • 1. | Approximately 99% Polystyrene, cellular expanded, containing air |
| • 2. | Traces of Hydrogen Bromide self extinguishing additive |

SECTION 3 - PHYSICAL DATA

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| • PHYSICAL STATE | Solid |
| • VAPOUR PRESSURE (mm Hg) | Not Applicable |
| • VAPOUR DENSITY | (Air=1) Not Applicable |
| • SOLUBLE IN WATER | None |
| • pH | Neutral |
| • COLOR AND APPEARANCE | White, or colored cellular foam board |
| • SPECIFIC GRAVITY | .013 to .064 |
| • ODOUR | None |

SECTION 4 - FIRE AND EXPLOSION DATA

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| • MEANS OF EXTINCTION | Water, Fog, CO ₂ , Dry Chemical (ABC) |
| • FLASH POINT | 350 C |
| • EXPLOSION DATA | Grinding or sawing processes may produce air suspended dust which can cause a dust explosion if ignited |
| • SENSITIVITY TO IMPACT | None |
| • UPPER FLAMMABLE LIMIT | Not Applicable |
| • COMBUSTION PRODUCTS | Dense black smoke, CO, traces of hydrogen bromide |
| • LOWER FLAMMABLE LIMIT | Not Applicable |

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SECTION 5 - REACTIVITY DATA

- CHEMICAL STABILITY Temperatures above 300 C will release combustible gases
- INCOMPATIBILITY Aromatic, aliphatic hydrocarbons, esters, amines, aldehydes
- REACTIVITY None
- HAZARDOUS DECOMPOSITION PRODUCTS
Does not normally decompose. In smoldering or flaming condition, CO, CO₂, and carbon black are generated. Evolution of small amounts of hydrogen bromide when heated over 250C.
- HAZARDOUS POLYMERIZATION Does not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

- EYE Solid or dust may cause irritation due to mechanical action
- SKIN CONTACT Mechanical injury only
- SKIN ABSORPTION None
- INGESTION Large pieces may cause choking
- INHALATION Some manufacturing processes may irritate upper respiratory tract
- SYSTEMIC & OTHER EFFECTS None known

SECTION 7 - PREVENTATIVE MEASURES

- VENTILATION Sawing or grinding may create dust, requiring local ventilation.
- RESPIRATORY PROTECTION For dusty conditions, use approved dust respirator
- SKIN PROTECTION No special precautions other than body covering clothing
- EYE PROTECTION Goggles will prevent dust and small particle eye injury
- HANDLING PROCEDURES Keep away from flame
- STORAGE REQUIREMENTS None
- SHIPPING INSTRUCTIONS None

SECTION 8 - FIRST AID MEASURES

- EYES Irrigate with water for 5 minutes (mechanical injury only)
- SKIN No adverse effects anticipated from this exposure
- INGESTION No adverse effects anticipated from this exposure
- INHALATION Remove to fresh air if irritation occurs. Consult a physician.

SECTION 9 - PREPARATION DATE OF MSDS

- PREPARED BY Quality Team
- PHONE NUMBER 1 888 453-5961
- DATE REVISED August 11, 2004