



# The Alsa Corporation

The Razor's Edge of Product Surface Technology

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## MATERIAL SAFETY DATA SHEET

WHMIS STATUS: NON CONTROLLED

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### SECTION 1: MATERIAL IDENTIFICATION

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**PRODUCT DESCRIPTION:** PyroProof™ INTUMESCENT LATEX WHITE  
**PRODUCT NAME:** FIRE BARRIER INTUMESCENT PAINT  
**HMIS CODE:** HEALTH 0 FLAMMABILITY 0 REACTIVITY 0  
**PROTECTION:** A  
**MATERIAL USE:** ARCHITECTURAL FINISHES

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### SECTION 2: HAZARDOUS INGREDIENTS

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INGREDIENT:  
CAS # :  
PERCENTAGE BY WEIGHT:  
TLV: WHMIS CLASS: Not controlled.  
LD50: (Rat, Oral);, LD50 (Rabbit, Dermal): LC50: not established

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### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

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PHYSICAL PROPERTIES - liquid  
SPECIFIC GRAVITY: 1.29  
FREEZING POINT - 00 C  
pH RANGE: 8.0-8.5  
BOILING POINT – 100.0 C  
SOLUBILITY IN WATER: soluble.  
EVAPORATION RATE - same as water  
VAPOR DENSITY - heavier than air  
VAPOR PRESSURE: 17.5 MM HG (at 20 degrees C)  
VOLATILE BY VOLUME = 56%  
APPEARANCE/ODOR: white, slight odor.

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### SECTION 4: FIRE & EXPLOSION HAZARD

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FLAMMABILITY - not flammable  
MEANS OF EXTINCTION - not applicable, not combustible.  
FIRE/EXPLOSIVE HAZARD: Liquid paint will not burn but may spatter above boiling point.  
FIRE FIGHTING EQUIPMENT: Self-contained breathing apparatus.  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen and hydrocarbon.

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### SECTION 5: REACTIVITY DATA

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STABILITY - stable under most conditions.  
HAZARDOUS POLYMERIZATION - will not occur.  
INCOMPATIBILITY - avoid strong oxidizing materials.  
CONDITIONS TO AVOID - keep from freezing.

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## SECTION 6: TOXICOLOGICAL PROPERTIES

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INHALATION - excessive exposure to vapors may cause headaches  
irritation of eyes, nose, throat and nausea.  
EYE CONTACT - this material may be an eye irritant.  
SKIN CONTACT - this material may be slightly irritating.  
INGESTION - very low order of toxicity, no hazards are anticipated from  
ingestion incidental to handling.  
CARCINOGENICITY: Not indicated.  
MUTAGENICITY: Not indicated.  
TERATOGENICITY: Not indicated.  
REPRODUCTIVE TOXICITY: Not indicated.  
SYNERGISTIC PRODUCTS: None known.

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## SECTION 7: PRECAUTIONS FOR SAFE USE & HANDLING

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VENTILATION - Good general ventilation is sufficient in most cases.  
SKIN PROTECTION - rubber, chemical resistant neoprene to prevent skin contact.  
RESPIRATORY PROTECTION - yes, if ventilation is not adequate or when spraying.  
EYE PROTECTION - goggles or face shield.  
CLOTHING - clean if exposed to spill.  
STORAGE AND HANDLING - keep from freezing. Store in a well ventilated  
area and away from source of heat (between 5-39 degrees C).  
SPILL/LEAK PROCEDURES - avoid entry into sewers or waterways clean up with water before allowing to dry. Sodium  
chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place waste in  
a closed container. Wear adequate protective equipment during clean up. Flush area with water.

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## SECTION 8: EMERGENCY FIRST AID PROCEDURES

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INHALATION - remove source of contamination or remove victim to fresh air.  
If symptoms persist, obtain medical attention immediately. If breathing has stopped, use CPR and call for emergency  
medical attention.  
EYE CONTACT - flush with large amounts of water for at least 15 minutes and seek medical attention if irritation  
persists.  
SKIN CONTACT - wash with soap and water.  
INGESTION - if swallowed induce vomiting. Immediately consult a physician.

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## SECTION 9: PREPARATION OF MSDS

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PREPARED BY: RESEARCH AND DEVELOPMENT LABORATORY

DATE: 2/15/2004

SOURCES: THE INFORMATION USED TO PREPARE THIS MATERIAL SAFETY DATA SHEET IS BASED ON  
INFORMATION PROVIDED BY OUR RAW MATERIAL SUPPLIERS.

The information and recommendation on this Material Safety Data Sheet have been compiled from sources believed  
to be reliable and which represent the most current data in our possession on the subject at the date that this MSDS  
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