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MATERIAL SAFETY DATA SHEET

AS

TYPE GENERAL

SECTION I

CHEMICAL NAME	STYRENE-ACRYLONITRILE
TRADE NAME	PORENE
SYNONYMS	AS
CHEMICAL FAMILY	THERMOPLASTIC RESIN
MOLECULAR WEIGHT	NOT DETERMINED
FORMULA	
CAS REGISTRY NO.	9003-54-7

SECTION II - INGREDIENTS

Ingredient: ACRYLONITRILE, POLYMER WITH STYRENE: (STYRENE/ACRYLONITRILE COPOLYMER)
Ingredient Sequence Number: 01
Percent: 100
CAS Number: 9003-54-7
OSHA PEL: N/K (FPN)
ACGIH TLV: N/K (FPN)
Other Recommended Limit: 50 PPM; 100 STEL (MFR)

SECTION III - PHYSICAL DATA

Appearance And Odor: SOLID PELLETS: SLIGHT SWEET AROMATIC ODOR
Boiling Point: N/A
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: 1.05
Evaporation Rate And Ref.: NOT APPLICABLE
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: < 1

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (716 °F, 380 °C)	N/A
Lower	N/A
Upper	N/A
Extinguishing Media: WATER SPRAY, CO2, FOAM	
Special Fire Fighting Procedures WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FPN)	
Unusual Fire And Explosive Hazards: DUST GENERATION DURING HANDLING AND/OR STORAGE CAN FORM EXPLOSIVE MIXTURE IN AIR	

SECTION V – HEALTH HAZARD DATA

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER Route of Entry – Inhalation: YES Route of Entry – Skin: NO Route of Entry – Ingestion: NO Health Hazard Acute and Chronic: FUMES MAY PRODUCE EYE, SKIN AND/OR RESPIRATORY TRACT IRRITATION. Carcinogenicity – NTP: NO Carcinogenicity – IARC: NO Carcinogenicity – OSHA: NO Explanation Carcinogenicity: NOT RELEVANT Signs/Symptoms of Overexposure: SEE HEALTH HAZARDS Medical Condition Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER Emergency/First Aid Procedures: IN ALL CASES, IF IRRITATION DEVELOPS, SEEK MEDICAL ASSISTANCE. INHAL: REMOVE FROM EXPOSURE. IF BREATHING STOPS, BEGIN MOUTH TO MOUTH. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE DIRTY CLOTHING. INGEST: CALL MD IMMEDIATELY (FPN)

SECTION VI – REACTIVITY DATA

Stability: YES Conditions to Avoid: NONE KNOWN Materials to Avoid: NONE KNOWN Hazardous Decomp Products: NONE KNOWN Hazardous Poly Occur: NO Conditions to Avoid (Poly): NOT RELEVANT
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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps If Material Released/Spill: SWEEP UP AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: INCINERATE OR LANDFILL IN ACCORDANCE WITH STATE, FEDERAL AND LOCAL REGULATIONS.

Precautions-Handling/Storing: STORE IN DRY COOL PLACE IN TIGHTLY CLOSED CONTAINER.

Other Precautions: NOTE: THIS MATERIAL IS INTENDED FOR LABORATORY USE ONLY. IT IS NOT SOLD OR INTENDED FOR DRUG, HOUSEHOLD OR OTHER USES.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: IF NEEDED NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FPN)

Ventilation; LOCAL EXHAUST

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPROVED CHEM SAFETY GOGGLES (FPN)

Other Protective Equipment: NOT APPLICABLE

Work Hygienic Practices; GOOD HYGIENE SHOULD BE FOLLOWED.

Supplemental Safety & Health Data: NONE SPECIFIED BY MANUFACTURER