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Molded Lumber

MATERIAL SAFETY DATA SHEET

IMPORTANT: Each customer or recipient of this Material Safety Data Sheet is urged to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works of individuals who are experts in ventilation, toxicology or fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe use and handling of this product, each customer or recipient should (1) notify its employees, agents, contractors, and others whom it knows or believes will use this material of the information on this MSDS and any other information regarding hazards of safety, (2) furnish this same information to each of its customers for the product, and (3) request its customers to notify their employees, customers, and other users of the product of this information.

SECTION I - IDENTIFICATION

Product Group: Polyethylene

Base Resin: Ethylene-Butane Copolymer

SECTION II - PHYSICAL DATA

Melt Index: 0.01 - 100

Density: 0.870 - 0.965

Percent Volatile by Volume: Nil

Odor: Negligible odor

SECTION III - INGREDIENTS

Hazardous Components: None

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Autoignition Temperature: Generally 500-600 Degrees Fahrenheit depending on individual product composition.

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended technique.

Special Fire-fighting Procedures: Use NIOSH-approved self-contained breathing apparatus when fighting fires in enclosed areas.

Special Fire and Explosion Hazards: Avoid accumulation and dispersion of dust to reduce explosion potential (see Section IX).

SECTION V - HAZARD DATA

Exposure Limits: There are no established exposure limits for polyethylene, however, polyethylene dust should be treated as a nuisance particulate. OSHA limits exposure to 15 mg/m³ total dust and 5 mg/m³ respirable dust (29 CFR 1910.1000 Table 2-3). ACGIH limits are 10 mg/m³ total dust.

Acute Effects of Overexposure: None currently known.

Health Hazards: Treat as nuisance particulates. Avoid breathing dust or any fumes that may be generated during processing.

Medical Conditions Aggravated by Overexposure: A knowledge of the available toxicology information and of the physical and chemical properties of this material suggests that overexposure is unlikely to aggravate existing medical conditions.

Emergency and First Aid Procedures: If inhaled move to fresh air.

SECTION VI - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Temperatures over 250 degrees Celsius.

Incompatibility (Materials to Avoid): None

Decomposition Products: Thermal decomposition may include carbon monoxide, carbon dioxide, aldehydes, and other organic vapors.

Reactive or Explosive Polymerization: Will not occur.

SECTION VII - SPILLS OR LEAKS

Cleanup Procedures: Sweep up and collect in suitable container for disposal.

Waste Disposal Method: When disposed of this product is not considered a RCRA hazardous waste. Dispose of in accordance with local, state and federal regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH- approved respirator if unable to control airborne dust, fumes, and vapors.

Protective Clothing: Wear gloves and suitable eye protection.

Ventilation: Local exhaust ventilation is recommended for control of airborne dust, fumes, and vapors, particularly in confined areas.

SECTION IX - SPECIAL PRECAUTIONS

Storing and Handling Precautions: Prevent accumulation of dust particles. Maintain proper grounding at all times. Avoid breathing dust and process fumes. Use with adequate ventilation.

Caution: Airborne dust particles may form explosive dust-air mixture. Exposure to dust and processing fumes may cause irritation of the skin, eyes, nose, and throat.

Other Precautions: The fines and dust particles contained in polyethylene are defined as Class I Dust (lowest explosive level) under National Fire Protection Association (NFPA)-58. Your facilities and procedures must conform to NFPA-554. Prevent accumulation of dust particles; operate to ensure no system leaks develop; and maintain proper equipment grounding at all times.

SECTION X - REGULATORY INFORMATION

Federal: Toxic Substances Control Act:	All the components of this product are on the TSCA Inventory.
SARA Sections 311/312 "Hazardous Chemicals" 40 CFR Part 372:	Contains no chemicals subject to the reporting requirement of Section 313 SARA.
SARA Section 313 "Toxic Chemicals" 40 CFR Part 372:	Contains no chemicals subject to reporting requirements of Section 313 SARA
DOT Classification:	Not Applicable

The opinions expressed herein are those of qualified experts. It is believed that the information contained herein is current as of the date of the Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within our control, it is the user's obligation to determine the conditions of safe use of the product.

'Revised December 7, 1994