MATERIAL SAFETY DATA SHEET - HDPE

SECTION 1. **Company Information and Product** **Date Generated: 1-27-11**
Date Reviewed: 1-27-11

COMPANY NAME: **National Pipe & Plastics, Inc.**

3421 Vestal Road, Vestal, NY 13850
Ph: 800-836-4350 Fax: 607-729-6310

9609 West Market Street, Colfax, NC 27235
Ph: 800-866-0149 Fax: 336-996-1755

PRODUCT: Polyethylene Plastic Pipe
SYNONYM: HDPE Pipe

SECTION 2. **Components/Composition**

	CAS #	% by Weight
Polyethylene Homopolymer	9002-88-4	~ 100

SECTION 3. **Physical and Chemical Properties**

Physical State:	Solid
Melting Point:	125ºC
Flash Point:	341ºC
Specific Gravity:	0.92
Volatility:	Negligible

SECTION 4. **Health Hazard Data**

Potential Acute Health Effects:

Eyes - Dust may cause irritation to eye.

Skin - No known acute effect resulting from skin contact.

Inhalation - Nuisance dust can be irritating to the upper respiratory tract.

Ingestion - No effect for ingestion of small amounts. May be a choking hazard.

SECTION 5. **First Aid Measures**

Eyes - Rinse with water for a few minutes. Seek medical attention if necessary.

Skin – Rinse with water for a few minutes.

Inhalation – Allow the victim to rest in well ventilated area.

Ingestion – No first aid procedures are needed.

Chronic Effects on Humans – Polyethylene is not a known carcinogen. Not listed as a carcinogen by OSHA, NTP or IARC. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical conditions.

SECTION 6. **Stability and Reactivity**

Stability and Reactivity – The product is stable. Avoid temperatures above 300ºC

Incompatibility – May react or be incompatible with oxidizing materials. Organic solvents, gasoline, and Lubricants may react with and degrade polyethylene.

SECTION 7. Fire Fighting Measures

Flammability – May be combustible at high temperature.

Auto-ignition Temperature - 349ºC (660ºF)

Product of Combustion - Carbon Oxides (CO, CO2), dense smoke and various hydrocarbons.

Fire Fighting Media - Small Fire - Dry chemical extinguisher (ABC or AB), water spray or fog. Large Fire – Water spray or fog.

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Protective Clothing - Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

Special Remarks - Generated dust of sufficiently small particle size, that when suspended in air, may be explosive in the presence of static discharge.

SECTION 8. Disposal Considerations

Waste Information – Transfer to an approved disposal area in accordance with Federal, State and Local Regulations. Consult your local or regional authorities.

SECTION 9. Regulatory Information

HCS Classification – This product is not "Hardous" as defined by the OSHA Hazardous Communications Standard, 29 CFR 1910.1200.

U.S. Federal Regulations –

SARA 301/302/303
No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355, Emergency Planning and Notification (Appendix A to Part 355).

SARA 304
No chemicals in this product require reporting under the requirement of 40 CFR 355, (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA "Hazardous Substances" listed in Table 302.4 of 40 CFR Part 302).

SARS 313
This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CSR Part 372 (Table372.62).

SARA 311/312
This product is not "Hazardous" as defined by the OSHA Hazardous Communication Standard, 29 CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical Reporting: Community Right-to Know.

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, we make no warranty with respect thereto and disclaim all liability from reliance thereon. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.