



J P Specialties, Inc.
25811 Jefferson Avenue
Murrieta, CA 92562
800-821-3859

SAFETY DATA SHEET

Section 1 – Product and Company Identification

Product Designation: **High Density Polyethylene (HDPE) Waterstop**

Supplier's Name: **J P Specialties, Inc**
25811 Jefferson Avenue
Murrieta, CA 92562

Emergency Phone (951)763-7077 FAX (951)763-7074

Section 2 – Hazard Identification

Hazard Classification: Not Classified

Signal Word: None

Health Hazards:

COMBUSTIBLE DUSTS: If small particles are generated during further processing, handline. Or by other means, combustible dust concentrations in air may form.

Section 3 – Composition / Information on Ingredients

This product has not been evaluated as a whole. All constituents are bound in a polymer matrix and potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating and the user must take the necessary precautions (ventilation, personal protective equipment, etc.) to protect employees from exposure.

<u>Component(s) chemical/common names</u>	<u>%</u>	<u>CAS Number</u>
Ethylene, polymer with 1-butene	>96.0%	25087-34-7
Carbon Black	2.25%	001333-86-4
Additives	<1.0%	N/A

Section 4 – First Aid Measures

1. Inhalation - Remove person to fresh air and consult physician if respiratory irritation occurs.
2. Eyes - Flush with water and consult physician.
3. Skin - Treat contact with molten product as for ordinary burn.
4. Ingestion - Consult physician.

Section 5- Fire Fighting Measures

Flash Point > 600°F (est.)	Flammable Limits in Air % by Volume	Lower NA	Upper NA
Auto-Ignition Temperature	NA	Extinguisher Media All Common (dry chemical preferred)	
Special Fire Fighting Procedures	A fine spray of fog or water will reduce intensity of flame. Keep exposed product cool to prevent melting or dripping. Do not use a solid stream of water, this could spread fire. Pellets represent a slipping hazard. Precautions should be taken.		
Protective Equipment	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.		
Hazardous Combustion Products	Burning can produce carbon monoxide and/or carbon dioxide and other combustion harmful products. Degradation products may include trace amounts of acrolein, formaldehyde, aldehydes, and other organic vapors.		
Unusual Fire and Explosion Hazards	None Known		

Section 6 – Accidental Release Measures

Steps to be taken in Case of Material is Released or Spilled **Sweep, shovel, or vacuum material into containers for disposal. Pellets on floor could present a slipping hazard. Avoid raising dust.**

Section 7 – Handling and Storage

Precautions to be taken Handling and Storage **Do not store near flame or heat source; keep container closed when in not in use and store in dry location.**

Section 8 – Exposure Controls/Personal Protection

Occupational Exposure Limits	Polyethylene Resin	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
		No data	No data

Respiratory Protection **Not ordinarily required**

Ventilation **Use only with adequate ventilation. Melting of material will generate vapors and fumes. Use local exhaust ventilation or other engineering controls to keep worker exposure to a minimum.**

Protective Gloves **When handling molten resin**

Eye Protection **Safety Glasses with Side Shields**

Protective Clothing **Protective clothing/gloves should be worn to prevent burns from molten product or Equipment if exposure is likely.**

Work/Hygienic Practices **Handle in accordance with good industrial hygiene and safety practices. No special practices ordinarily required.**

Other Precautions **Fumes may be released upon heating. Mechanical ventilation and/or an approved respiratory protection program may be required.**

Breathing dusts may cause short term irritation of the mouth, nose, and throat. Skin contact with dusts may cause itching and short term irritation. Eye contact with dusts and fibers may cause short term irritation. Spilled pellets can create a slip hazard. Secondary operations such as grinding, sanding or sawing can create dust which may be a respiratory hazard.

Section 9 – Physical and Chemical Properties
--

Appearance	Natural solid plastic pellets	Odor	Slight to none
Odor Threshold	NA	pH	NA
Melting Point	80C – 110C (176F – 230F)	Boiling Point	NA
Boiling Range	NA	Flash Point	>600°F
Evaporation Rate	NA	Vapor Pressure	NA
Vapor Density	Solid	Specific Gravity	<1.0
Solubility in Water	Insoluble	Autoignition Temp.	NA
Decomposition Temp.	>300C (572 F)	Viscosity	NA
Percent Volatility Vol.	NA	Partition coefficient: n-octanol/water	NA

Section 10 – Stability and Reactivity

Stability	Stable	Conditions to Avoid	NA
Incompatibility	Oxidizing Agents	Reactivity	None Known (Materials to Avoid)
Hazardous Decomposition Products	Oxides of carbon and low molecular weight hydrocarbons		
Hazardous Polymerization	Will Not Occur	Conditions to Avoid	NA

Section 11 – Toxicological Information
--

Acute Toxicity	<u>NTP</u>	<u>IARC</u>	<u>ACGIH</u>	<u>OSHA</u>
Polyethylene Resin	n.a.	3	n.a.	n.a.

Acute Health Effects Eye Contact: Exposure to airborne concentrations may cause irritation

 Skin Contact: No known significant effects

 Ingestion: **No known significant effects**

 Inhalation: **Exposure to airborne concentrations may cause irritation of the nose, throat and lungs.**

Mutagenicity **No components of this product are classified as mutagenic.**

Carcinogenicity **None known**

Section 12 – Ecological Information

Ecotoxicity **Wildlife may ingest plastic pellets. Although not toxic, such materials may physical block the digestive system causing starvation or death.**

Mobility in soil **This product is not likely to move rapidly with surface or groundwater flows because of its low water solubility.**

Other adverse effects **No known significant effects or critical hazards.**

Section 13 – Disposal Considerations

Dispose of in accordance with all local, State, and Federal regulations. Do not discharge into drains/surface waters. Recycling is encouraged.

Section 14 – Transport Information

Land transport USDOT **Not classified as a dangerous good under transport regulations**

Sea transport IMDG **Not classified as a dangerous good under transport regulations**

Air transport IATA/ICAO **Not classified as a dangerous good under transport regulations**

Section 15 – Regulatory Information

EPA Sara (Superfund Amendments and Reauthorization Act of 1986) Lists

<u>CAS#</u>	<u>Component(s) chemical names</u>	<u>S.302(EHS)</u>	<u>S.304 RQ</u>	<u>S.313(TRI)</u>
9002-88-4	Polyethylene	No	No	No
25087-34-7	Polyethylene Copolymer	No	No	No
25213-02-9	Polyethylene Copolymer	No	No	No

This material meets the EPA “Hazard Categories” defined for SARA Title III Section 311/312 as indicated:

Yes No Acute (immediate) Health Hazard

Yes No Chronic (delayed) Health Hazard

Yes No Fire Hazard

Yes No Sudden Release of Pressure Hazard

Yes No Reactive Hazard

Section 16 – Other Information

SDS Revision Date: February 26, 2016

This Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We believe the information it contains to be correct but cannot guarantee its accuracy or completeness. It is the user’s obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.