

SAFETY DATA SHEET

SECTION I – IDENTIFICATION

J P Specialties, Inc. / Earth Shield Waterstop

Emergency Telephone No. 951-763-7077

CHEMICAL NAME: Flexible Polyvinyl Chloride

Mixture CAS-No.: Mixture

TRADE NAME: Keycup

SECTION II – HAZARD IDENTIFICATION



Flexible Polyvinyl Chloride

WARNING! Hydrochloric (HCl) gas is evolved by combustion or by decomposition at temperatures higher than 200°C/400°F. Provide efficient exhaust at all operational areas capable of creating fumes to prevent inhalation or exposure.

Hot polymer can cause burns. Wear personal protection equipment to prevent burns to skin.

Spilled pellets of this product can be a slip hazard. Use good housekeeping to keep work areas clean and free of pellets on the floor.

Read the Safety Data Sheet (SDS) before handling or using this material.

First Aid: If exposed to HCl fumes, move to fresh air and flush skin or eyes with water for at least 10 minutes. Seek medical attention.

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SECTION III-COMPOSITION INFORMATION ON REGULATED INGREDIENTS

MATERIAL	CAS#	Weight %
Vinyl Chloride	75-01-4	≤ 0.1ppm

SECTION IV – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES: Remove affected person from area, if irritation persists, obtain medical attention.

INHALATION

Remove to fresh air. Obtain medical attention immediately if any irritation persists.

SKIN CONTACT

Flush with water to remove material from the skin. Obtain medical attention if any irritation persists.

EYE CONTACT

Flush with large amounts of water for 15 minutes. Obtain medical attention if any irritation persists.

INGESTION

No effect expected. If large amounts are ingested, seek medical attention. Only induce vomiting at the instructions of a physician.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (ASTM 1929): 735°F

EXTINGUISHING MEDIA: Water - air foams

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Upon prolonged heating, it decomposes, emitting hydrogen chloride (HCl), an irritating toxic gas.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Material may be swept, shoveled or vacuumed.

WASTE DISPOSAL: Incinerate or dispose in landfill according to current local, state, and federal regulations.

SECTION VII – HANDLING AND STORAGE

- Use the proper protective equipment during handling – gloves, safety glasses. Use good housekeeping practices
- Store in a cool, dry location protected from extraneous heat, sparks and flame.
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in area below 100°F. Sweep spills immediately to prevent slippery conditions.
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SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required with adequate ventilation.

VENTILATION: Local exhaust recommended for fumes and vapors.

PROTECTIVE GLOVES: Gloves required when handling hot or molten PVC.

EYE PROTECTION: Eye protection should be worn at all times.

EXPOSURE GUIDELINES

MATERIAL	OSHA-PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Calcium Carbonate	15	10

SECTION IX -PHYSICAL AND CHEMICAL DATA

Appearance: Solid lengths

Odor: No distinct odor

Boiling Point: N/A Solid

VAPOR PRESSURE: N/A

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE MATTER BY WEIGHT: 0 - 0.3% as calculated from determinations

made using EPA Method 24
SPECIFIC GRAVITY: 1.38 – 1.42

SECTION X – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from oxidizing agents and open flame. To avoid thermal decomposition do not overheat.

INCOMPATIBILITY: Incompatible with strong acids and oxidizing agents. Avoid contact with acetal polymers during processing.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen chloride, and small amounts of hydrocarbons & metal oxides. Prolonged heating at 200C or short term heating at 250C may result in product decomposition and evolution of HCL and CO.

SECTION XI – TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure limits listed below, if any, are based on existing data on the individual components.

SECTION XII – ECOLOGICAL INFORMATION

Not easily biodegradable.

No data available on environmental toxicity

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow all local and federal regulatory compliance regulations and laws.

SECTION XIV – TRANSPORTATION INFORMATION

US DOT Classification: Not regulated for transportation

This product is not regulated as a hazardous material by the U.S. Department of Transportation (DOT). This product is not regulated for air travel by the U.S. Department of Transportation.

SECTION XV – REGULATORY INFORMATION

OSHA: N/A

TSCA: All components of this product are listed on or exempt from the TSCA Inventory.

US EPA CERCLA HAZARDOUS SUBSTANCES: N/A

California Prop 65: None.

SECTION XVI – OTHER INFORMATION

The information provided in the SDS is correct to the best of our knowledge and information as of the publication date. This information is provided as guide for safe handling, storage, transportation and use. It in no way implies any warranties or quality specifications. Users should make an independent determination of the suitability and completeness of the information provided.