

Pacific Plastics Inc. – Article Safety Data Sheet (ASDS)

Pacific Plastics believes this product is an “article” as defined by the Occupational Safety and Health Administration’s Hazard Communication Standard, 29 C.F.R. 1910.1200(c). This ASDS is, therefore, not required, but provided to customers as a courtesy.

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Revised 3/11/2019

Section 1. Identification

Product identifier: PVC Pipe and Fittings of various colors [White, Purple, Grey, Brown, Green].

Trade names and Synonyms: N/A

Recommended Uses: Pipes and fittings for water supply, irrigation, sewerage, drainage, gas, industrial process piping Telecommunications and electrical conduit.

Restrictions on Use: None

Company Identification:

Pacific Plastics, Inc.

111 S. Berry St.

Brea, CA 92821

Telephone (General): (714) 990-9050

Emergency Telephone: (714) 990-9050

Section 2. Hazard Identification

PVC pipe and fittings are finished products and do not cause exposure to hazardous chemicals under normal conditions of use. Pacific Plastics considers its PVC products to be articles as defined under the OSHA Hazard Communication Standard. Therefore, a Safety Data Sheet (SDS) is not required under the HCS. This Article Data Sheet is being provided as a courtesy to our customers. This product is not classified as hazardous under the U.S. Occupational Safety and Health Administration Hazard Communication Standard (HCS), 29 C.F.R. 1910.1200.

Section 3. Composition/Information on Ingredients

Composition and Form manufactured rigid solid tubes of various dimensions for plumbing and water distribution as described in Section 1.

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Titanium Dioxide

CAS: 13463-67-7

% Weight: 0.5-3%

Polyvinyl Chloride

CAS: 9002-86-2

% Weight: 97-99.5%

Section 4. First-Aid Measures

EYE CONTACT: No effects anticipated under normal conditions of use. Particles generated by mechanical cutting, sanding or grinding can cause mechanical irritation. Flush with large amounts of water, occasionally lifting the upper and lower eyelids, to remove particles. Consult a physician if pain or irritation persists.

SKIN CONTACT: No effects anticipated under normal conditions of use. Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal burns or skin irritation.

INHALATION: The product is not expected to present an inhalation hazard unless mechanically chipped or pulverized or if melted during fire. If dust or fumes are inhaled, remove to fresh air.

SWALLOWING: No adverse health effects expected from ingestion.

Description of the most important symptoms or effects, and any symptoms that are acute or delayed: none known.

Recommendations for immediate medical care and special treatment needed, when necessary: none known

Section 5. Fire-Fighting Measures

PVC PIPE DOES NOT PRESENT A FIRE OR EXPLOSION HAZARD UNDER NORMAL CONDITIONS OF USE. ALTHOUGH PVC PIPE WILL NOT SUPPORT COMBUSTION, IT WILL BURN, RELEASING HYDROGEN CHLORIDE GAS, DETECTABLE BY ITS PUNGENT ODOR.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate enclosed areas. Confined areas require self-contained breathing apparatus. Extinguish using dry chemical, carbon dioxide, foam or water fog or spray equipment.

Section 6. Accidental Release Measures

Minor Spills Collect products and bundle or secure safely. If necessary, isolate area to prevent damage to /destruction of products by vehicles etc. Broken parts may be sharp and eye protection and glove are

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recommended.

Major Spills Isolate area as necessary to prevent further damage. Collect products and bundle or secure safely. Broken product and parts may have sharp edges and eye protection and gloves are recommended.

Section 7. Handling and Storage

PVC pipes present no inhalation, ingestion or contact hazards. Cutting and grinding PVC pipe may release nuisance dust particles which are non-toxic. Care should be taken to avoid inhaling dust. Use any methods that keep dust to a minimum. General storage procedures are acceptable.

Section 8. Exposure Controls/Personal Protection

Exposure Controls No exposure controls are necessary as products are inert and all ingredients are encapsulated within the polymer matrix and are believed to present no hazard under conditions of normal use and good occupational work practice.

Personal Protection: Eye Glasses are recommended when handling pipe and especially when working pipes mechanically, sawing etc.

Hands/Feet Safety footwear and gloves.

Engineering Controls Appropriate controls for safe working when handling and mechanically working e.g. sawing.

Section 9. Physical and Chemical Properties

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- Appearance (physical state, color, etc.); Solid black pipe and fittings. Color of pipes varies upon application (e.g. white, grey, blue, yellow, green).
 - Upper/lower flammability or explosive limits; Not applicable.
 - Odor; Not available
 - Vapor pressure; Not applicable
 - Odor threshold; Not available
 - Vapor density; Not applicable
 - pH; Not applicable
 - Relative density; N/A
 - Melting point/freezing point; N/A
 - Solubility(ies); insoluble in water
 - Initial boiling point and boiling range; Not applicable
 - Flash point; Not applicable
 - Evaporation rate; Not applicable

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- Flammability (solid, gas); will burn in contact with flame
 - Partition coefficient: n-octanol/water; Not applicable
 - Auto-ignition temperature; Not available
 - Decomposition temperature; Not available
 - Viscosity. Not applicable

Section 10. Stability and Reactivity

Reactivity

- Stable at normal temperatures and pressures.

Chemical stability

- Stable under normal storage conditions.

Other

- HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, benzene, carbon monoxide, carbon dioxide, aromatic and aliphatic hydrocarbons, and other gases could be released in fire.
- Incompatible materials: Do not store with oxidising agents.

Section 11. Toxicological Information

No toxicological data were found for this product. The effects reported are those anticipated based on the components of this product.

POTENTIAL ROUTES OF EXPOSURE: Exposure under ordinary use conditions to hazardous chemicals is not anticipated. Inhalation of dust from mechanical cutting, sanding or grinding may occur.

SIGNS, SYMPTOMS, AND TOXIC EFFECTS OF OVEREXPOSURE: Exposure to high concentrations of dust of this product may cause irritation of the respiratory tract with cough, difficulty breathing, dryness of the throat, or eye irritation.

ANIMAL TOXICITY DATA: No data found

REPRODUCTIVE EFFECTS: No data were found regarding reproductive effects in humans or animals of any component of this product.

MUTAGENICITY DATA: No mutagenicity data were found for any component of this product.

DESIGNATION AS POTENTIAL CARCINOGEN: IARC designates PVC homopolymer as Group 3, “not classifiable as to its carcinogenicity in humans,” and titanium dioxide as Group 2B, “Possibly carcinogenic to humans.”

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data were found regarding this issue.

INTERACTIONS WITH CHEMICALS THAT ENHANCE TOXICITY: No data were found regarding this issue.

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Section 12. Ecological Information

No Data were found regarding adverse ecological impacts of this product.

Section 13. Disposal Considerations

Recycle where possible. Refer to state/territory environmental protection agency/authority. Normally suitable for disposal as general waste land fill.

Section 14. Transportation Information

Not Regulated.

Section 15. Regulatory Information

This plastic PVC pipe is an article and, therefore, exposure to titanium dioxide is unlikely because the substances are inextricably bound in the plastic matrix. It is unlikely that titanium dioxide will contribute to workplace exposures under normal conditions of use. While there is a possibility that mechanical cutting, sanding or grinding the product could produce respirable particles, it is not clear that the titanium dioxide or carbon black would be found as unbound particles of respirable size. Users must determine if respirable particles are produced in their operations. If so, then the appropriate Prop 65 warning language is as follows:

California’s Proposition 65

 **WARNING:** This product can expose you to chemicals including titanium dioxide, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Please note that Prop 65 only requires the identification of one chemical per endpoint in the warning.

Section 16. Other Information

Created: 8/17/2018
Last revised 8/22/2018