

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**Product information**

Product Name : Performance Pipe (PE Pipe and Fittings: Various Colors)  
 Material : 1068064, 1096623, 1057036, 1103213, 1056889, 1056845,  
 1056798, 1061143, 1002382, 1008501, 1098385, 1002298,  
 1083165, 1002266, 1112056, 1002243, 1114924, 1097906,  
 1108020, 1108019, 1114925

Use : Conveyance of liquids, gases and other media.

**Company** : Performance Pipe, A Division of  
 Chevron Phillips Chemical Company LP  
 10001 Six Pines Drive  
 The Woodlands, TX 77380

**Emergency telephone:**
**Health:**

866.442.9628 (North America)

1.832.813.4984 (International)

**Transport:**

CHEMTREC 800.424.9300 or 703.527.3887(int'l)

Asia: CHEMWATCH (+612 9186 1132) China: 0532 8388 9090

EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Mexico CHEMTREC 01-800-681-9531 (24 hours)

South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Argentina: +(54)-1159839431

Responsible Department : Product Safety and Toxicology Group

E-mail address : SDS@CPChem.com

Website : www.CPChem.com

**SECTION 2: Hazards identification**
**Classification of the substance or mixture**

This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

**Classification**

:

Not a hazardous substance or mixture.

**Labeling**

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

Not a hazardous substance or mixture.

**Potential Health Effects**

- Physical Hazards** : Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
- Inhalation** : Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
- Skin** : Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).  
If this material is heated, thermal burns may result from contact. Thermal burns may include pain or feeling of heat, discolorations, swelling, and blistering.
- Eyes** : Not expected to cause prolonged or significant eye irritation. Thermal burns may result if heated material contacts eye.
- Ingestion** : Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Carcinogenicity:****IARC**

Group 1: Carcinogenic to humans

Lead Chromate 1344-37-2

Group 2A: Probably carcinogenic to humans

Group 2B: Possibly carcinogenic to humans

Carbon Black 1333-86-4

Titanium Dioxide 13463-67-7

**NTP**

Reasonably anticipated to be a human carcinogen

Lead Chromate 1344-37-2

Components are encapsulated within the product matrix.

**SECTION 3: Composition/information on ingredients**

**Synonyms** : Polyethylene Plastic DriscoPlex® Pipe and Fittings

**Molecular formula** : Mixture

Component	CAS-No.	Weight %
Carbon Black	1333-86-4	0 - 5
Lead Chromate	1344-37-2	0 - 1
Titanium Dioxide	13463-67-7	0 - 1

**SECTION 4: First aid measures**

**If inhaled** : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

**In case of skin contact** : If the molten material gets on skin, quickly cool in water. Seek

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

- immediate medical attention. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**SECTION 5: Firefighting measures**

- Flash point : Not applicable
- Suitable extinguishing media : Water. Water mist. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam. If possible, water should be applied as a spray from a fogging nozzle since this is a surface burning material. The application of high velocity water will spread the burning surface layer. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting : Risks of ignition followed by flame propagation or secondary explosions can be caused by the accumulation of dust, e.g. on floors and ledges.
- Special protective equipment for fire-fighters : Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : This material will burn although it is not easily ignited.
- Fire and explosion protection : Treat as a solid that can burn.
- Hazardous decomposition products : Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, other hydrocarbons and hydrocarbon oxidation products (ketones, aldehydes, organic acids) depending on temperature and air availability. Incomplete combustion can also produce formaldehyde.

**SECTION 6: Accidental release measures**

- Personal precautions : None
- Environmental precautions : None

**SECTION 7: Handling and storage****Handling**

- Advice on protection against fire and explosion : Treat as a solid that can burn.

**Storage**

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

- Requirements for storage areas and containers : Keep in a dry place. Keep in a well-ventilated place.
- Advice on common storage : Do not store together with oxidizing and self-igniting products.
- Use : Conveyance of liquids, gases and other media.

**SECTION 8: Exposure controls/personal protection****Ingredients with workplace control parameters****US**

Components	Basis	Value	Control parameters	Note
Nuisance Dust	OSHA Z-3	TWA	15 mg/m3	Total dust
	OSHA Z-3	TWA	5 mg/m3	(respirable dust)

Control as Particulate Not Otherwise Classified (PNOC). The ACGIH Guideline\* for respirable dust is 3.0 mg/m3 and 10.0 mg/m3 for total dust. The OSHA PEL for respirable dust is 5.0 mg/m3 and 15.0 mg/m3 for total dust.

\* This value is for inhalable (total) particulate matter containing no asbestos and < 1.0% crystalline silica.

**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, aerosolization, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.
- Eye protection : No eye protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid eye contact.
- Skin and body protection : At ambient temperatures use of clean and protective clothing is good industrial practice. If the material is heated or molten, wear thermally insulated, heat-resistant gloves that are able to withstand the temperature of the molten product. If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate. Heavy duty work shoes.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties****Appearance**

- Form : Plastic
- Physical state : solid
- Color : Various
- Odor : Mild to no odor
- Odor Threshold : No data available

**Safety data**

- Flash point : Not applicable
- Lower explosion limit : Not applicable

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

Upper explosion limit	: Not applicable
Oxidizing properties	: No
Thermal decomposition	: Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing.
Molecular formula	: Mixture
pH	: Not applicable
Melting point/range	: 250°C (482°F)
Boiling point/boiling range	: Not applicable
Vapor pressure	: Not applicable
Relative density	: 0.95
Density	: 0.95 g/cm <sup>3</sup>
Water solubility	: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: Not applicable

**SECTION 10: Stability and reactivity**

<b>Reactivity</b>	: This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Chemical stability</b>	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Possibility of hazardous reactions</b>	
<b>Hazardous reactions</b>	: Hazardous reactions: Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	: Avoid prolonged storage at elevated temperature.
<b>Materials to avoid</b>	: Avoid contact with strong oxidizing agents.
<b>Thermal decomposition</b>	: Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing.

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

**Hazardous decomposition products** : Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, other hydrocarbons and hydrocarbon oxidation products (ketones, aldehydes, organic acids) depending on temperature and air availability. Incomplete combustion can also produce formaldehyde.

**Other data** : No decomposition if stored and applied as directed.

**SECTION 11: Toxicological information**

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Acute oral toxicity** : Presumed Not Toxic

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Acute inhalation toxicity** : Presumed Not Toxic

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Acute dermal toxicity** : Presumed Not Toxic

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Skin irritation** : No skin irritation

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Eye irritation** : No eye irritation

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Sensitization** : Did not cause sensitization on laboratory animals.

**Performance Pipe (PE Pipe and Fittings: Various Colors)**  
**Aspiration toxicity** : No aspiration toxicity classification.

**CMR effects**

Carbon Black : Carcinogenicity: Limited evidence of carcinogenicity in animal studies

Lead Chromate  
Carcinogenicity: Possible human carcinogen  
Mutagenicity: In vivo tests did not show mutagenic effects  
Reproductive toxicity: Positive evidence of adverse effects on sexual function, fertility and/or development from human epidemiological studies.

**SECTION 12: Ecological information****Ecotoxicity effects**

Biodegradability : This material is not expected to be readily biodegradable.

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

Elimination information (persistence and degradability)

Bioaccumulation : Does not bioaccumulate.

Mobility : The product is insoluble and floats on water.

Short-term (acute) aquatic hazard

Lead Chromate : Very toxic to aquatic life.

Long-term (chronic) aquatic hazard

Lead Chromate : Very toxic to aquatic life with long lasting effects.

**SECTION 13: Disposal considerations**

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

**SECTION 14: Transport information**

**The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).**

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

**US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

**RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

**SECTION 15: Regulatory information****National legislation**

**SARA 311/312 Hazards** : No SARA Hazards

**EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW**

**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.

**SARA 302 Reportable Quantity** : This material does not contain any components with a SARA 302 RQ.

**SARA 302 Threshold Planning Quantity** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 304 Reportable Quantity** : This material does not contain any components with a section 304 EHS RQ.

**SARA 313 Components** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**



**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

Ozone-Depletion Potential : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

**US State Regulations****Pennsylvania Right To Know**

: Polyethylene - 9002-88-4  
 Polyethylene Butene Copolymer - 25087-34-7  
 Polyethylene Hexene Copolymer - 25213-02-9  
 Carbon Black - 1333-86-4  
 Dioxotitanium -  
 Lead(2+) dioxido(dioxo)chromium -

**California Prop. 65 Components**

: WARNING: This product can expose you to chemicals including [listed below], which is [are] known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov/food](http://www.P65Warnings.ca.gov/food).

Carbon Black	1333-86-4
Titanium Dioxide	13463-67-7
Lead Chromate	1344-37-2

WARNING: This product can expose you to chemicals including [listed below], which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Lead Chromate	1344-37-2
---------------	-----------

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

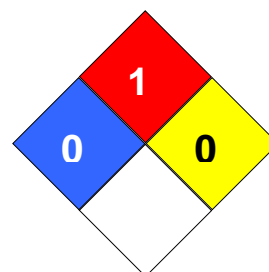
Revision Date 2021-05-10

**Notification status**

Europe REACH	:	Exemptions from the obligation to register
United States of America (USA) TSCA	:	Exemptions from the obligation to register
Canada DSL	:	Exemptions from the obligation to register
Other AIIC	:	Exemptions from the obligation to register
New Zealand NZIoC	:	Exemptions from the obligation to register
Japan ENCS	:	Exemptions from the obligation to register
Korea KECI	:	Exemptions from the obligation to register
Philippines PICCS	:	Exemptions from the obligation to register
Taiwan TCSI	:	Exemptions from the obligation to register
China IECSC	:	Exemptions from the obligation to register

**SECTION 16: Other information**

**NFPA Classification** : Health Hazard: 0  
Fire Hazard: 1  
Reactivity Hazard: 0

**Further information**

Legacy SDS Number : 6371

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure	OSHA	Occupational Safety & Health

**Performance Pipe (PE Pipe and Fittings: Various Colors)**

Version 1.4

Revision Date 2021-05-10

	Scenario Tool		Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		