SAFETY DATA SHEET



Marlex® C513UV Polyethylene

Version 3.3

Revision Date 2024-10-11

SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product information** Product Name : Marlex® C513UV Polvethvlene Material : 1127945, 1124775, 1077602, 1077603, 1077604, 1077551, 1077606, 1077550, 1077605 : Chevron Phillips Chemical Company LP Company 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 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 EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax) Austria: VIZ +43 1 406 43 43 (24 hours/day, 7 days/week) Belgium: 070 245 245 (24 hours/day, 7 days/week) Bulgaria: +359 2 9154 233 Croatia: +3851 2348 342 (24 hours/day, 7 days/week) Cyprus: 1401 Czech Republic: Toxicological Information Center +420 224 919 293, +420 224 915 402 Denmark: Danish Poison Center (Giftlinjen): +45 8212 1212 Estonia: BIG +32.14.584545 (phone) or +32.14583516 (telefax) Finland: 0800 147 111 09 471 977 (24 hours/day) France: ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week) Germany: BIG +32.14.584545 (phone) or +32.14583516 (telefax) Greece: (0030) 2107793777 (24 hours/day, 7 days/week) Hungary: +36-80-201-199 (24 hours/day, 7 days/week) Iceland: 543 2222 (24 hours/day, 7 days/week) Ireland: BIG +32.14.584545 (phone) or +32.14583516 (telefax) SDS Number:10000000647 1/12

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Italy: POISON CENTER MILAN – Azienda Ospedaliera Niguarda Ca` Grande Tel. +39 02 66101029; POISON CENTER ROME - Policlinico "Agostino Gemelli", Servizio di tossicologia clinica Tel. +39 06 3054343; POISON CENTER ROME - Ospedale Pediatrico Bambino Gesù Tel. +39 06 68593726; POISON CENTER ROME – Policlinico "Umberto I" Tel. +39 06 4997 8000; POISON CENTER FOGGIA - Azienda Ospedaliera Universitaria Riuniti Tel. +39 0881 732326; POISON CENTER NAPLES – Azienda Ospedaliera "Antonio Cardarelli" Tel. +39 081 7472870; POISON CENTER FLORENCE – Azienda Ospedaliera universitaria Careggi Tel. +39 055 7947819; POISON CENTER PAVIA - IRCCS Fondazione Salvatore Maugeri Tel. +39 0382 24444; POISON CENTER BERGAMO - Azienda Ospedaliera "Papa Giovanni XXIII" Tel. 800 883 300; POISON CENTER VERONA - Azienda Ospedaliera Universitaria integrata Tel. 800 011 858: Latvia: State Fire and Rescue Service, phone number: 112; Toxicology and Sepsis Clinic Poisoning and Drug Information Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +371 67042473. (24 hours.) Liechtenstein: BIG +32.14.584545 (phone) or +32.14583516 (telefax) Lithuania: +370 (85) 2362052 Luxembourg: (+352) 8002 5500 (24 hours/day, 7 days/week) Malta: +356 2395 2000 The Netherlands: NVIC: +31 (0)88 755 8000 Norway: 22 59 13 00 (24 hours/day, 7 days/week) Poland: BIG +32.14.584545 (phone) or +32.14583516 (telefax) Portugal: CIAV phone number: +351 800 250 250 Romania: +40213183606 Slovakia: +421 2 5477 4166 Slovenia: Phone number: 112 Spain: National Emergency Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24 hours/day, 7 days/week) Sweden: 112 - ask for Poisons Information : Product Safety and Toxicology Group Responsible Department SDS@CPChem.com E-mail address Website www.CPChem.com : MEDICAL APPLICATION CAUTION: Do not use this material in medical applications involving permanent implantation in the human body or permanent contact with internal body fluids or tissues fluids or tissues. Do not use this material in medical applications involving brief or temporary implantation in the human body or contact with internal body fluids or tissues unless the material has been provided directly from Chevron Phillips Chemical Company LP or its legal affiliates under an agreement which expressly acknowledges the contemplated use.

Chevron Phillips Chemical Company LP and its legal affiliates makes no representation, promise, express warranty or implied warranty concerning the suitability of this material for use in implantation in the human body or in contact with internal body fluids or tissues.

SECTION 2: Hazards identification

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| | substance or mixture classified in accordance with the hazard communication standard 29 CFR nd labels contain all the information as required by the standard. |
|----------------|--|
| Classification | : Combustible dust |
| Labeling | |

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Marlex® C513UV Polyethylene

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|-----------------------------|--|---|
| Signal Word | : Warning | |
| Hazard Statements | | st concentrations in air. ot be a combustible dust as sold, dling may form combustible dust |
| Potential Health Effects | | |
| Physical Hazards | : Pellets may cause a slip haz | zard on hard surfaces. |
| | Mechanical processing may | |
| | temperatures may generate | ermal processing at elevated formaldehyde. |
| Inhalation | : Repeated exposure to dust | from this material may cause |
| | respiratory irritation. | |
| | irritation of the upper respira | ermal processing may cause |
| Skin | : Contact with the skin is not e | expected to cause prolonged or |
| | significant irritation. | |
| | response. | expected to cause an allergic |
| | If this material is heated, the | ermal burns may result from contact. |
| | Thermal burns may include discolorations, swelling, and | |
| Eyes | | cause irritation due to the abrasive |
| | action. | |
| | | nged or significant eye irritation. heated material contacts eye. |
| Ingestion | | ot a likely route of exposure. |
| Carcinogenicity: IARC | | present at levels greater than or |
| | | probable, possible or confirmed |
| NTP | human carcinogen by IARC. No ingredient of this product | present at levels greater than or |
| | equal to 0.1% is identified as | a known or anticipated carcinogen |
| | by NTP. | |
| | | |
| ECTION 3: Composition/info | rmation on ingredients | |
| | | |
| Component | CAS-No. | Weight % |
| Polyethylene Hexene Copo | lymer 25213-02-9 | 99 - 100 |
| ECTION 4: First aid measure | S | |
| | • | |
| If inhaled | | accidental inhalation of dust or combustion. If symptoms persist, |
| In case of skin contact | : If the molten material gets of | on skin, quickly cool in water. Seek n. Do not try to peel the solidified |
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| | | |

| rlex® C513UV Poly | eth | SAFETY DATA SH |
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| | | 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 | : | Do not induce vomiting without medical advice. |
| TION 5: Firefighting measu | res | |
| Flash point | : | No data available |
| Autoignition temperature | : | No data available |
| Suitable extinguishing media | : | Water. Water mist. Dry chemical. Carbon dioxide (CO2). 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. Avoid the use of straight streams that may create a dust cloud and the risk of a dust explosion. 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. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| 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. |
| TION 6: Accidental release | me | asures |
| Personal precautions | : | Sweep up to prevent slipping hazard. Avoid breathing dust. Avoid dust formation. |
| Environmental precautions | : | Do not contaminate surface water. Prevent product from entering drains. |
| Methods for cleaning up | : | Clean up promptly by sweeping or vacuum. |
| Additional advice | : | Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid |
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dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

SECTION 7: Handling and storage

| Handling | | |
|---|---|---|
| Advice on safe handling | : | Use good housekeeping for safe handling of the product. Keep out of water sources and sewers. Spilled pellets may create a slipping hazard. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient. At elevated temperatures (>350°F, >177°C), polyethylene can release vapors and gases, which are irritating to the mucous membranes of the eyes, mouth, throat, and lungs. These substances may include acetaldehyde, acetone, acetic acid, formic acid, formaldehyde and acrolein. Based on animal data and limited epidemiological evidence, formaldehyde has been listed as a carcinogen. Following all recommendations within this SDS should minimize exposure to thermal processing emissions. |
| Advice on protection against fire and explosion | : | Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| Storage | | |
| 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. |

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.

Engineering measures

Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

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| may not provide adequate protection. Dust safety masks are recommended when the dust concentration is excessive. Eye protection : Use of safety glasses with side shields for solid handling is good industrial practice. If this material is heated, wear chemical goggles or safety glasses with side shields or a face shield. If there is potential for dust, use chemical goggles. Skin and body protection : At ambient temperatures use of clean and protective clothing 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 or molten, wear thermally insulated, heat-resistant gloves that are able to withstand the temperature of the molten product. If this material is heated are able to withstand the temperature of the molten product. If this material is heated are able to withstand the temperature of the molten product. If this material is heated clothing to prevent skin contact if engineering controls or work practices are not adequate. CTION 9: Physical and chemical properties Appearance Form : Pellets Physical state : solid Color : Opaque Odor : Nid to no odor Odor : No data available Safety data : Not applicable Lower explosion limit : Not applicable Upper explos | Personal protective equipn | |
|--|---|--|
| good industrial practice. If this material is heated, wear chemical goggles or safety glasses with side shields or a face shield. If there is potential for dust, use chemical goggles. Skin and body protection : At ambient temperatures use of clean and protective clothing 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 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. TION 9: Physical and chemical properties Appearance Form : Pellets Physical state : Solid Color : Opaque Odor : Mild to no odor Odor : No data available Lower explosion limit : Not applicable Lower explosion limit : Not applicable Autoignition temperature : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | Respiratory protection | material generates vapor or fumes that are not adequately controlled by ventilation, wear an appropriate respirator. Use the following elements for air-purifying respirators: Organic Vapor and Formaldehyde. A positive pressure, air-supplying respirator may be appropriate 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. Dust safety masks are recommended when the dust |
| good industrial practice. If the material is heated or molten, wear thermally insulated, heat-resistant gloves that are able th withstand the temperature of the molten product. If this material is heated clothing to prevent skin contact if engineering controls or work practices are not adequate. CTION 9: Physical and chemical properties Information on basic physical and chemical properties Appearance Form : Pellets Physical state : Solid : Color : Odor : Mild to no odor : Odor : Safety data : Flash point : No data available Lower explosion limit : No tapplicable Autoignition temperature : No data available Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : | Eye protection | good industrial practice. If this material is heated, wear chemical goggles or safety glasses with side shields or a face |
| Information on basic physical and chemical properties Appearance Form : Pellets Physical state : solid Color : Opaque Odor : Mild to no odor Odor Threshold : No data available Safety data Flash point : No data available Lower explosion limit : Not applicable Upper explosion limit : Not applicable Autoignition temperature : No data available Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | Skin and body protection | 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 |
| Information on basic physical and chemical properties Appearance Form : Pellets Physical state : solid Color : Opaque Odor : Mild to no odor Odor Threshold : No data available Safety data Flash point : No data available Lower explosion limit : Not applicable Upper explosion limit : Not applicable Autoignition temperature : No data available Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | TION 9: Physical and chem | ical properties |
| AppearanceForm:PelletsPhysical state:solidColor:OpaqueOdor:Mild to no odorOdor Threshold:No data availableSafety dataFlash point:No data availableLower explosion limit:Not applicableUpper explosion limit:Not applicableAutoignition temperature:Not data availableThermal decomposition:Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processingpH:Not applicable | - | |
| Form : Pellets Physical state : solid Color : Opaque Odor : Mild to no odor Odor Threshold : No data available Safety data Flash point : Not applicable Lower explosion limit : Not applicable Upper explosion limit : Not applicable Autoignition temperature : No data available Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | | ical and chemical properties |
| Flash point: No data availableLower explosion limit: Not applicableUpper explosion limit: Not applicableAutoignition temperature: No data availableThermal decomposition: Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processingpH: Not applicable | Form Physical state Color Odor | : solid : Opaque : Mild to no odor |
| Flash point: No data availableLower explosion limit: Not applicableUpper explosion limit: Not applicableAutoignition temperature: No data availableThermal decomposition: Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processingpH: Not applicable | Safety data | |
| Upper explosion limit: Not applicableAutoignition temperature: No data availableThermal decomposition: Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processingpH: Not applicable | - | : No data available |
| Autoignition temperature : No data available Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | Lower explosion limit | : Not applicable |
| Thermal decomposition : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing pH : Not applicable | Upper explosion limit | : Not applicable |
| pH : Not applicable | Autoignition temperature | : No data available |
| | Thermal decomposition | : Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing. |
| Pour point : No data available | рН | : Not applicable |
| | Deverseint | · No data available |

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| Melting point/freezing point | | 90-140°C (194-284°F) |
|--|-----------------------|---|
| Initial boiling point and boiling range | : | Not applicable |
| Vapor pressure | : | Not applicable |
| Relative density | : | Not applicable |
| Density | : | 0.91 - 0.97 g/cm3 Please refer to the Technical Data Sheet (TDS) for more detailed information relating to the nominal physical properties, including density, of this polyethylene resin grade. |
| Water solubility | : | negligible |
| Partition coefficient: n- octanol/water | : | No data available |
| Solubility in other solvents | : | No data available |
| Viscosity, dynamic | : | Not applicable |
| Viscosity, kinematic | : | Not applicable |
| Relative vapor density | : | Not applicable |
| Evaporation rate | : | Not applicable |
| | • | |
| SECTION 10 Stability and reactive | vitv | |
| SECTION 10: Stability and reacti | | |
| Reactivity | : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| | : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of |
| Reactivity | : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| Reactivity Chemical stability | : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| Reactivity Chemical stability Possibility of hazardous rea | : : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| Reactivity Chemical stability Possibility of hazardous rea Hazardous reactions | : : : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Dns Hazardous reactions: None known. |
| Reactivity Chemical stability Possibility of hazardous rea Hazardous reactions Conditions to avoid | : : : : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Dns Hazardous reactions: None known. Avoid prolonged storage at elevated temperature. |
| Reactivity Chemical stability Possibility of hazardous rea Hazardous reactions Conditions to avoid Materials to avoid | : : : : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Dns Hazardous reactions: None known. Avoid prolonged storage at elevated temperature. Avoid contact with strong oxidizing agents. Low molecular weight hydrocarbons, alcohols, aldehydes, |
| Reactivity Chemical stability Possibility of hazardous rea Hazardous reactions Conditions to avoid Materials to avoid Thermal decomposition Hazardous decomposition | : : : : : | This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. DNS Hazardous reactions: None known. Avoid prolonged storage at elevated temperature. Avoid contact with strong oxidizing agents. Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing. Normal combustion forms carbon dioxide, water vapor and |

| arlex® C513UV Polyeth | vlene |
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| rsion 3.3 | Revision Date 2024-10 |
| | 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. |
| CTION 11: Toxicological informa | ation |
| Marlex® C513UV Polyethylene Acute oral toxicity | |
| Marlex® C513UV Polyethylene Acute inhalation toxicity | |
| Marlex® C513UV Polyethylene Acute dermal toxicity : | |
| Marlex® C513UV Polyethylene Skin irritation | No skin irritation |
| Marlex® C513UV Polyethylene Eye irritation : | No eye irritation |
| Marlex® C513UV Polyethylene Further information | This product contains POLYMERIZED OLEFINS. During thermal processing (>350°F, >177°C) polyolefins can release vapors and gases (aldehydes,ketones and organic acids) which are irritating to the mucous membranes of the eyes, mouth, throat, and lungs. Generally these irritant effects are all transitory. However, prolonged exposure to irritating off-gases can lead to pulmonary edema. Formaldehyde (an aldehyde) has been classified as a carcinogen based on animal data and limited epidemiological evidence. |
| CTION 12: Ecological informatio | n |
| Ecotoxicity effects | |
| - | Not applicable |
| Toxicity to daphnia and states | No data available |
| Biodegradability : | Result: This material is not expected to be readily biodegradable. |
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|--------------------------------------|---|--|--|--|
| Elimination information (persis | Elimination information (persistence and degradability) | | | |
| Bioaccumulation | : Does not bioaccumulate. | | | |
| Mobility | : The product is insoluble and floats on water. | | | |
| Additional ecological information | : This material is not expected to be harmful to aquatic organisms., Fish or birds may eat pellets which may obstruct their digestive tracts. | | | |
| Ecotoxicology Assessment | | | | |
| Short-term (acute) aquatic hazard | : This product has no known ecotoxicological effects. | | | |
| Long-term (chronic) aquatic hazard | : This product has no known ecotoxicological effects. | | | |
| SECTION 13: Disposal considera | itions | | | |

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.

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| 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. | | | | |
|---|--|--|--|--|
| Maritime transport in bul | k according to IMO instruments | | | |
| National legislation | | | | |
| SARA 311/312 Hazards | : Combustible dust | | | |
| 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 304 Reportable Quantity | : This material does not contain any components with a section 304 EHS RQ. | | | |
| Clean Air Act | | | | |
| Potential Class | product neither contains, nor was manufactured with a Class I or s II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR Subpt. A, App.A + B). | | | |
| This product does not conta Act Section 112 (40 CFR 6 | ain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air 1). | | | |
| | ain any chemicals listed under the U.S. Clean Air Act Section 112(r) for tion (40 CFR 68.130, Subpart F). | | | |
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| | | |

Marlex[®] C513UV Polyethylene Version 3.3 Revision Date 2024-10-11 This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489). **US State Regulations** Pennsylvania Right To Know : No components are subject to the Pennsylvania Right to Know Act. California Prop. 65 : This product, as shipped, does not contain any carcinogens or Components reproductive toxins presently known by the State of California to cause cancer or reproductive toxicity at a level of exposure subject to the requirements of California Proposition 65. Notification status On the inventory, or in compliance with the inventory Europe REACH 2 Switzerland CH INV Not in compliance with the inventory 1 United States of America (USA) On or in compliance with the active portion of the TSCA **TSCA** inventory Canada DSL All components of this product are on the Canadian DSL Other AICS On the inventory, or in compliance with the inventory ÷ New Zealand NZIoC On the inventory, or in compliance with the inventory : Japan ENCS On the inventory, or in compliance with the inventory 2 A substance(s) in this product was not registered, Korea KECI notified to be registered, or exempted from registration by CPChem according to K-REACH regulations. Importation or manufacture of this product is still permitted provided the Korean Importer of Record has themselves notified the substance or the exported amount does not exceed the minimum threshold quantity of the non-registered substance(s). On the inventory, or in compliance with the inventory Philippines PICCS China IECSC On the inventory, or in compliance with the inventory 2 Taiwan TCSI On the inventory, or in compliance with the inventory **SECTION 16: Other information** NFPA Classification : Health Hazard: 0 Fire Hazard: 1 Reactivity Hazard: 0 0 0 **Further information** SDS Number:10000000647 11/12

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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.

| Ke | ey or legend to abbreviations and a | cronyms used | in the safety data sheet |
|--------|---|--------------|--|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |
| AIIC | Australian Inventory of Industrial Chemicals | 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 Scenario Tool | OSHA | Occupational Safety & Health 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% | ATE | Acute toxicity estimate |