



Product Regulatory Overview (PRO) Chemical Control / Chem Compliance

Company

Chevron Phillips Chemical (CPChem)

Products covered

Marlex® HHM 5502LW Polyethylene (HDPE)	Marlex® HHM 4903 Polyethylene (HDPE)
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Chemical Inventories

All the components of this product are listed on

AUSTRALIA: Australian Inventory of Industrial Chemicals (AIIC)

CANADA: Domestic Substances List (DSL)

PEOPLE'S REPUBLIC OF CHINA: Inventory of Existing Chemical Substances (IECSC)

EUROPEAN UNION: All necessary components have been registered according to Regulation (EU) No. 1907/2006 (REACH). Registration number(s) shown on the EU SDS are specific for CPChem entities.

JAPAN: Existing & New Chemical Substances (ENCS) Inventory

KOREA: Existing Chemicals List (ECL): A substance(s) in this product was not registered, notified to be registered, or exempted from registration by CPChem according to K-REACH regulations.

PHILIPPINES: Philippine Inventory of Chemicals and Chemical Substances (PICCS)

NEW ZEALAND: Inventory of Chemical Substances (NZIoC)

TAIWAN: Taiwan Chemical Substance Inventory (TCSI) On the inventory or in compliance with the inventory. Further registrations may apply.

UNITED STATES: On or in compliance with the active portion of the Toxic Substances Control Act (TSCA) Chemical Inventory

Regulation 1223/2009 of 2009-11-30 on Cosmetic Products

Regulation 1223/2009 is not applicable to this product when it is used as a raw material for manufacturing cosmetic containers.

EU Classification and Labeling

This product is not a dangerous substance according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Plant/ Vegetal Materials

This product does not utilize substances derived from plants or plant-based materials.

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product, as shipped, does not contain any carcinogens or 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. See following link for latest review date per most recent Prop 65 update.

<https://www.cpchem.com/who-we-are/environment-health-safety-security/regulatory-information>
(SELECT Prop 65 Update)



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Consumer Product Safety Improvement Act of 2008 (H.R. 4040)

This product does not contain lead and phthalates. It therefore complies with the relevant sections of the Consumer Product Safety Improvement Act of 2008 (H.R. 4040).

Heavy metals, RoHS, WEEE, Waste packaging, CONEG

No heavy metals (i.e., antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium, or silver) are purposely added to this product in quantities that would violate governmental guidelines. The summation of lead, cadmium, mercury, and hexavalent chromium in this product is less than 20 ppm. No polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), Deca Brominated Diphenyl Ethers (Deca BDE), or phthalates are intentionally added to this product. This product therefore meets the relevant requirements of the following Directives or Regulations:

- Directive (EU) 2017/2102, 2015/863, 2011/65/EU and 2002/95/EC (RoHS)
- China RoHS directive SJ/T 11363-2006
- 2002/96/EC and 2012/19/EU (WEEE)
- 2000/53/EC (ELV)
- 94/62/EC, 2005/20/EC, and 2013/2/EU (Packaging Waste Directive)
- USA CONEG Regulation / Model Toxics in Packaging Legislation
- California Toxics in Packaging Prevention Act

Toys

This product complies with the requirements of ASTM F963, EN 71-3, EN71-9, EU Directives 2005/84/EC and 2009/48EC.

European Chemicals Agency (ECHA) Substances of Concern

This product does not contain in a concentration above 0.1% w/w any Substances of Very High Concern (SVHC) as listed on the candidate list published by ECHA as of dated *in the link below*. This product, as shipped, does not contain substances with applicable restrictions (but there are conditions per entry listed below) under REACH Annex XVII (Restricted Substances List) or subject to authorization under REACH Annex XIV (Authorization List). The product supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

<https://www.cpchem.com/who-we-are/environment-health-safety-security/regulatory-information>

(SELECT MARLEX® PE under the SVHC list heading for updated SVHC statement)

(SELECT Appendix MARLEX® PE for additional statement on microplastics (EU) 2023/2055)

Canadian Environmental Protection Act (CEPA) “Challenge” Substances

This product does not intentionally contain high priority chemical substances listed on the “Challenge” Substance Batches as issued by CEPA.

PFAS

This product is not formulated with the use of a PFAS (as defined¹ by the OECD in 2021). However, trace amounts of PFAS may be present in the product incidentally due to other factors such as PFAS presence in the ambient external environment or in the supply chain. Chevron Phillips Chemical does



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not analyze for PFAS in its products and, therefore, cannot guarantee the absence of PFAS in its products.

The customer is responsible for determining whether its product meets regulatory requirements regarding PFAS content. Chevron Phillips Chemical does not have control over the final product manufactured by the customer.

¹ OECD (2021), Reconciling Terminology of the Universe of Per- and Polyfluoroalkyl Substances: Recommendations and Practical Guidance, OECD Series on Risk Management, RN 61, OECD Publishing, Paris.

Substances and Chemicals

None of the following substances are intentionally used as additives or raw materials in the manufacture of this product:

- Butylated Hydroxytoluene (BHT), Butylated Hydroxyanisole (BHA), and Tertiary butylhydroquinone (TBHQ)
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC)
- Chlorinated paraffins, Chlorinated hydrocarbons
- Cobalt (CAS RN[®] 7440-48-4)
- Colorants, dyes or pigments e.g. Green 7 CAS No.[®] 1328-53-6, Green 36, Pigment Red 104 CAS No.[®] 12656-85-8, Yellow #5, CI Pigment Yellow 34 CAS No.[®] 1344-37-2, Yellow 138 CAS No.[®] 14302-13-7, Violet 23 CAS No.[®] 215247-95-3; EU resolution AP(89) not applicable, colorants not contained
- Dyes (also see Colorants) and dye intermediates and precursors such as 2,4-Xylidine (CAS RN[®] 95-68-1); 4-aminoazobenzene (CAS RN[®] 60-09-3); 2-aminotoluene (CAS RN[®] 95-53-4); 4,4'-thiodianiline (CAS RN[®] 139-65-1); 4-cresidine (CAS RN[®] 120-71-8), 3,3'-dimethoxybenzidine (CAS RN[®] 119-90-4); 3,3'-dimethylbenzidine (CAS RN[®] 119-93-7); Benzidine (CAS RN[®] 92-87-5); 4-aminodiphenyl (CAS RN[®] 92-67-1); 4-chloro-o-toluidine (CAS RN[®] p-Phenylenediamine (CAS RN[®] 106-50-3); 2-naphthylamine (CAS RN[®] 91-59-8); 2-amino-4-nitrotoluene (CAS[®] RN 99-57-0); 4-chloro-o-toluidine (CAS RN[®] 95-69-2)
- Extended Minerals: cobalt, mica, graphite, lithium, nickel, copper
- Formaldehyde (for additional information related to aldehydes and processing see the SDS)
- Genetically modified organisms (GMO)
- Halogens
- Materials derived from plants
- Mica, natural (CAS RN[®] 12001-26-2)
- Mineral Oil Saturated Hydrocarbons (MOSH) or Mineral Oil Aromatic Hydrocarbons (MOAH)
- Recycled materials (i.e. No post-consumer recycled materials utilized.)
- Silicone a.k.a. Polydimethylsiloxane (PDMS) or Silicone Oil CAS No.[®] 63148-62-9 not intentionally contained
- Siloxanes not intentionally contained
- Talc (CAS RN[®] 14807-96-6)



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Marlex® Polyethylene PRO Appendix

For additional information, please see the following link.

<https://www.cpchem.com/who-we-are/environment-health-safety-security/regulatory-information>
(SELECT "Appendix: MARLEX® Polyethylene")

It is the responsibility of the customer to check compliance of the final articles with the relevant legislative and applicable regulatory requirements including their restrictions.

Disclaimer: *Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user. Any reference to registered trademarks for CPChem (or joint venture) products generally refers to U.S. trademark registration of the same only, and trademark registrations in other jurisdictions may vary and should be confirmed by the user contacting its CPChem entity (or joint venture) representative.*

Additional information on the health and safety aspects of our product is listed in the SDS of the product.

Address: Chevron Phillips Chemical Company LP, 9500 Lakeside Blvd., The Woodlands, TX 77381

Website: <http://www.cpchem.com/en-us/ehs/pages/productregulatoryoverviews.aspx>