Product Regulatory Overview (PRO)
Chemical Control – Chem Compliance

Company

Chevron Phillips Chemical (CPChem)[1]

Products covered

Marlex® HHM 5502BN Polyethylene (HDPE)[1,2]	Marlex® HHM 5202BN Polyethylene (HDPE)

- Please note that the terms "product" or "products" noted below refer to this table.

Chemical Inventories

AUSTRALIA: Australian Inventory of Industrial Chemicals (AIIC): On or in compliance with the inventory.

CANADA: Domestic Substances List (DSL): On or in compliance with the inventory.

PEOPLE'S REPUBLIC OF CHINA: Inventory of Existing Chemical Substances (IECSC): On or in compliance with the inventory.

EUROPEAN UNION: Each product is in full compliance according to REACH regulation 1907/2006/EC. Registration number(s) shown on the EU SDS are specific for CPChem entities

SWITZERLAND: On or in compliance with the inventory

JAPAN: Existing & New Chemical Substances (ENCS) Inventory: On or in compliance with the inventory.

KOREA: Existing Chemicals List (ECL): (CPChem only)[2] All substances in each product were registered, notified to be registered, or exempted from registration by CPChem through an Only Representative according to K-REACH regulations. Importation of this product is permitted if the Korean Importer of Record was included on CPChem's notifications or if the Importer of Record themselves notified the substances.

NEW ZEALAND: Inventory of Chemical Substances (NZIoC): On or in compliance with the inventory.

PHILIPPINES: Philippine Inventory of Chemicals and Chemical Substances (PICCS): On or in compliance with the inventory.

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

TURKEY: Each product has been pre-registered according to according to KKDIK (Turkey-REACH).

UNITED KINGDOM: Each product has been registered according to Regulation (EC) No. 1907/2006 (REACH) as amended by UK Statutory Instruments. Registration numbers are specific for CPChem[1] entities

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

Each product is supplied as a raw material and is not a finished cosmetic product as defined in Regulation (EC) No 1223/2009; CPChem is not the Responsible Person, and responsibility for cosmetic regulatory compliance rests with the manufacturer or importer of the finished cosmetic product placed on the EU market. To the best of our knowledge Annex III substances are not intentionally used and Annex II (e.g. chromium) substances are only expected to occur at low

[1] Note: Marlex® HHM 5502BN Polyethylene as sold by CPChem and produced by CPChem and one or more of its affiliates including Saudi Polymers Company (SPCo)

[2] Note: Chemical Inventories- SPCo only: KOREA: Existing Chemicals List (ECL): Not in compliance with the inventory

concentrations in each product as shipped. If anything more specific is needed, please contact CPChem US Technical.

The substances added or amended by Regulation (EU) 2026/78 to Annex II and Annex III of Regulation (EC) No 1223/2009 are not intentionally used as raw materials or additives in the manufacture of each listed product.

It is the responsibility of the final article manufacturer to verify that the finished article meets both the technical and regulatory requirements of the intended application.

EU Classification and Labeling/ CMR

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

Each product, as shipped, does not contain carcinogenic, mutagenic or toxic to reproduction (CMR) substances of category 1A, 1B, or 2 above classification limits in accordance with Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council. If further information is needed, please contact the CPChem US technical representative.

It is the responsibility of the final article manufacturer to verify that the finished article meets both the technical and regulatory requirements of the intended application.

Plant/ Vegetal Materials

Each product utilizes a substance that is derived from palm oil. The sourcing is not currently confirmed as Roundtable on Sustainable Palm Oil (RSPO) certified.

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

Each 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)

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

Each 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 the CONEG regulatory limit of 100 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/EU, 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)
- USA CONEG Regulation / Model Toxics in Packaging Legislation
- California Toxics in Packaging Prevention Act

Regarding EU 2025/40 PPWR (Packaging and Packaging Waste Regulation; replacing 94/62/EC; 2005/20/EC, and 2013/2/EU) Article 5 points 4 (on metals) and 5(c), on fluorine, please see the letter available via the following link: Regulatory Information | Chevron Phillips Chemical

European Chemicals Agency (ECHA) Substances of Concern

Each 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)

UK REACH (HSE) Substances of Concern

Each product does not contain in a concentration above 0.1% w/w Substances of Very High Concern (SVHC) as listed on the candidate list published by UK's Health and Safety Executive (HSE) as of this date *UK REACH Candidate List of substances of very high concern (SVHCs) for authorisation*. To the best of our knowledge, each product, as shipped, does not contain substances listed in UK REACH Annex XIV or Annex XVII above applicable regulatory thresholds.

Canadian Environmental Protection Act (CEPA) "Challenge" Substances

Each product, as shipped, does not intentionally contain high priority chemical substances listed on the "Challenge" Substance Batches as issued by CEPA.

Toys

Each product complies with the requirements of ASTM F963, EN 71-3, EN71-9, EU Directives 2005/84/EC and 2009/48EC. Regarding EU amendment EU 2025/2509 on toys, this product, as shipped, does not contain specific target organ toxicants (CAT 1), respiratory or skin sensitizers (CAT 1) substances above classification limits. See statements on the Appendix to the PRO on allergens, bisphenols, endocrine disruptors, fragrances, and nitrosamines not intentionally used as well as the statement below on PFAS. If anything further is needed, please contact CPChem US Technical.

PFAS

Each product is not formulated with the use of a PFAS (as defined[1] 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 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.

Regulatory or Industry Lists

To the best of our knowledge, each listed product, as shipped meets the following requirements as being within stipulated limits as listed as of this date:

- Chemicals of High Concern to Children in Children's Products (CHCC): does not contain reportable substances as specified in the CHCC regulations of the states of Oregon, Washington, Vermont and Maine

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)
- Chlorinated hydrocarbons
- 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
- 1,4-Dioxane (CAS RN® 123-91-1)
- 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)
- Ethylene oxide (CAS RN® 75-21-8)
- 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
- 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 RN® 63148-62-9 not intentionally contained
- Siloxanes not intentionally contained
- Talc (CAS RN® 14807-96-6)
- Titanium dioxide; TiO_2 (CAS RN® 13463-67-7)
- Toluene (CAS RN® 108-88-3)

Also refer to the Appendix to the PRO (link below) for additional substances not intentionally used. After referring to the Appendix, if additional information is needed on substances not used, please contact CPChem US Technical.

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 and Saudi Polymers Company (SPCo) do not make, and expressly disclaim, 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. This information is subject to change. 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
Address: Saudi Polymers Company, P.O. Box 11221, Jubail Industrial City, Saudi Arabia 31961
Website: S-Chem