

Polyethylene Dipolen™ S-81



Formerly Dipolen S-80

The product contains postconsumer recycled material and this confirmation is based on a risk assessment supported by analytical data generated in our testing program.

We confirm that during manufacturing of this product we do not use or intentionally add any of the chemicals restricted by the following regulations and standards and their subsequent amendments in amounts which exceed the applicable limits.

- **Annex XVII** of the REACH Regulation **1907/2006/EC** - Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles - when used for intended applications as described in Product Data Sheet
- **Annex XIV** of the REACH Regulation **1907/2006/EC** - List of substances subject to authorisation
- **Candidate list** of substances of very high concern (**SVHC**) for authorisation published by ECHA as defined in the REACH Regulation 1907/2006/EC (> 0.1 wt%)
- **US TPCH** Model Toxics in Packaging Legislation, February 2021
- Regulation (EU) 2025/40 (Packaging and packaging waste - PPWR)
- - Sum of Cd, Cr(VI), Hg and Pb < 100 ppm. PFAS are not used or intentionally added in any of the product formulations intended for food-contact packaging applications.
- Directive **2000/53/EC** (End of life vehicles - ELV) - Cr(VI), Hg and Pb < 0.1 wt%, Cd < 0.01 wt%
- Directive **2011/65/EU** (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment - RoHS) and all other RoHS legislations worldwide that restrict some or all of the following substances - Pb, Hg, Cr(VI), PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt%, Cd < 0.01 wt%
- Directive **2012/19/EU** (Waste Electrical & Electronic Equipment - WEEE) - Annex VII - No ingredients used which require selective waste treatment
- Regulation (EU) **2024/590** on Substances that deplete the ozone layer, repealing 1005/2009/EC
- **US Clean Air Act**, Title VI, Classes I and II (EPA Final Rule; Federal Register 8136, 11.2.1993) on substances that deplete the ozone layer
- Regulation (EU) **2019/1021** on persistent organic pollutants (POPs)

Dipolen is a trademark of the Borealis group.

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Regarding classification of the above product according to REGULATION (EC) No 1272/2008 and its subsequent amendments, reference is made in the SDS/PSIS for the above product.

The below listed substances are not used or intentionally added during manufacturing of the product. However, they may occur as unexpected impurities from the postconsumer recycled raw material but are, based on our risk assessment, not expected to exceed 0.1%(wt) or applicable classification limits.

Acrylamide	Formaldehyde or formaldehyde releasers
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Fragrances
Artificial Musks	Furfural
Asbestos	Glycol ethers (e.g. EGME, EGMEA, EGEE, EGEEA)
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Glyoxal
Azodicarbonamide, semicarbazide	Melamine, Cyanuric acid
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	MOAH (mineral oil aromatic hydrocarbons)
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	Natural rubbers, Latex
Bisphenols and their compounds (e.g. NOGE, BFDGE, BADGE)	Nitrosamines, Nitrates, Nitrites
CFC, HCFC	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
CMR substances Categories 1A, 1B according to Regulation 1272/2008/EC	Organotin compounds
Colophony (rosin)	Oxo-degradable additives
4,4'- Diaminodiphenylmethane (MDA)	Parabens
Di-2-ethyl-hexyl maleate (DEHM)	PBT and vPvB substances according to EC Regulation No.1907/2006 (REACH)
Dimethylfumarate (DMF), Dibutylfumarate	PBT substances under TSCA section 6(h)
1,4-Dioxane	PFAS (acc. OECD definition)
Elements: Arsenic, Beryllium, Bismuth, Cobalt, Gold, Indium, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	PFOA, PFOS
Endocrine disruptors: Substances identified as ED at EU level (List I)	Photoinitiators
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Plasticisers (e.g. Adipates, ESBO, NETSA)
Flame retardants (halogenated or phosphorus based)	Polychlorinated Bi-, Terphenyls and Naphthalenes
	Polychlorinated dibenzodioxins and dibenzofurans
	Quaternary ammonium compounds
	Radioactive substances
	Resorcinol
	Thiazolinones
	Thiuram mix
	UV-hardeners (e.g. ITX, Titanyl-acetylacetone)

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The ingredients of the above product, and if applicable the basic polymer(s), are either listed or exempted in the following chemical inventories:

Australia/AICCS
 Canada/DSL
 China/IECSC
 Europe/EINECS or ELINCS or NLP
 Japan/ENCS and ISHL
 Korea/KECL
 New Zealand/NZIoC
 Philippines/PICCS
 Taiwan/TCSI
 USA/TSCA (all relevant ingredients designated as active)

Prepared by Borealis, Group Product Stewardship

Disclaimer

Recycled plastics are subject to material inconsistencies. mtm makes no warranties which extend beyond the description contained herein and to the best of our knowledge, the information is accurate and reliable as of the date of publication. Because of the multitude of possible influences during the use and application of our products, the information included does not release customers and users from the obligation to examine and test them carefully. Please note that nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose as mtm do not know the origin of the product. Where necessary, the customer is recommended to obtain a feedstock release from the customer. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of any mtm product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above. The product(s) mentioned herein are not intended to be used for food contact, drinking water contact, medical, pharmaceutical or healthcare applications and we do not support their use for such applications. Otherwise, our General Terms and Conditions of Sale apply.

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