

Polyethylene NAV 159-1



The product contains post-industrial 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
- 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)
- Swiss **SR 814.018** (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen - VOCV) - VOC's according to Annexes 1 & 2 < 3 wt%
- Japanese CSCL; Class I or II Specified Chemical Substances

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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 post-industrial recycled raw material but are, based on our risk assessment, not expected to exceed 0.1%(wt) or applicable classification limits.

Acrylamide	Furfural
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Glyoxal
Artificial Musks	Isocyanates, polyurethanes
Asbestos	Mechanically recycled materials
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Melamine, Cyanuric acid
Azodicarbonamide, semicarbazide	Mica
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	Natural rubbers, Latex
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
CFC, HCFC	Organotin compounds
Colophony (rosin)	Oxo-degradable additives
4,4'- Diaminodiphenylmethane (MDA)	Parabens
Di-2-ethyl-hexyl maleate (DEHM)	Photoinitiators
Dimethylfumarate (DMF), Dibutylfumarate	Phthalates
1,4-Dioxane	Plasticisers (e.g. Adipates, ESBO, NETSA)
Elements: Arsenic, Beryllium, Bismuth, Gold, Indium, Lanthanides, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	Polychlorinated Bi-, Terphenyls and Naphthalenes
Heavy metals: Cadmium, Chromium (VI), Lead, Mercury	Polychlorinated dibenzodioxins and dibenzofurans
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Polycyclic aromatic hydrocarbons (PAH) as restricted in Regulation 1907/2006/EC, Annex XVII
Flame retardants (halogenated or phosphorus based)	Radioactive substances
Formaldehyde or formaldehyde releasers	Resorcinol
Fragrances	Styrene, Polystyrene
	Thiazolinones
	Thiuram mix
	Tri-tert-butylphenol
	UV-hardeners (e.g. ITX, Titanyl-acetylacetone)
	Vinylchloride, Vinylidenechloride, PVC, CPVC or PVDC

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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/AICS
 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

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