



The Gund Company

Manufacturers & fabricators of engineered material solutions

Corporate Headquarters

9333 Dielman Industrial Dr.

St. Louis, MO. 63132

Phone: (314) 492-4800

Fax: (314) 492-4842

PolyPro FR RoHs and REACH Declaration.

USA FDA Status [21 CFR]

At least one ingredient in the components of this formula is not compliant with general FDA food contact regulations.

EU Food Contact Status

The components in this formula have not been assessed for food contact compliance according to the European Commission

Regulation EU 10/2011.

RoHS / RoHS 2 / RoHS 3 [Directives 2011/65/EU and 2015/863/EU] [GB/T 26572]

Regulations relating to the following chemicals:

Chemical Name Limit EU Directive

Cadmium (and compounds as Cd) 0.01 % 2011/65/EU
Mercury (and compounds as Hg) 0.10 % 2011/65/EU
Lead (and compounds as Pb) 0.10 % 2011/65/EU
Chromium VI Compounds 0.10 % 2011/65/EU
Polybrominated biphenyls (PBB) 0.10 % 2011/65/EU
Polybrominated diphenyl ethers (PBDE) 0.10 % 2011/65/EU
di-(2-ethylhexyl) phthalate (DEHP) 0.10 % 2015/863/EU
benzyl butyl phthalate (BBP) 0.10 % 2015/863/EU
di-n-butyl phthalate (DBP) 0.10 % 2015/863/EU
diisobutyl phthalate (DIBP) 0.10 % 2015/863/EU

To the best of our knowledge and based on the information supplied by our vendors, this product does not contain any of the regulated chemicals above the limit specified by the EU Directives shown.

Phthalates [Directives 2005/84/EC and 2015/863/EU] [Consumer Product Safety Improvement Act §108]

Regulations relating to the following chemicals:

Chemical Name CAS-No. EC-No.

Di-2-ethylhexyl phthalate (DEHP) 117-81-7 204-211-0
Di-n-butyl phthalate (DBP) 84-74-2 201-557-4
Butyl benzyl phthalate (BBP) 85-68-7 201-622-7
Di-isononyl phthalate (DINP) 28553-12-0/68515-48-0 249-079-5/271-090-9
Di-isodecyl phthalate (DIDP) 26761-40-0/68515-49-1 247-977-1/271-091-4
Di-n-octyl phthalate (DnOP) 117-84-0 204-214-7
Diisobutyl phthalate (DIBP) 84-69-5 201-553-2

This product is not intentionally manufactured or formulated with phthalate esters including the above chemicals. Note however, this is a polypropylene compound. Modern polypropylene catalysts use very small amounts of phthalate esters as reactive intermediates in the catalyst system used to polymerize the polymer. The phthalates are internal donors used to control the stereoregularity (isotacticity) of the polymer and are decomposed in the reaction. Any residual phthalates that were not consumed in the reaction, typically amount to less than 1 ppm, if measurable.



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EU REACH - SVHC (Substances of Very High Concern) [EU Regulation 1907/2006 Article 59]

This product does not contain any chemicals at a concentration above 0.1% that are on the Candidate List of Substances of Very

High Concern (SVHC) published by the European Chemicals Agency (ECHA)— (updated 16 January 2020)

The latest list may be accessed here:

<https://echa.europa.eu/candidate-list-table>

EU REACH - Substances Requiring Authorisation under REACH [EU Regulation 1907/2006

Annex XIV)

This product contains the following chemicals found on the Authorisation List (REACH Annex XIV, updated 12 June 2019) above

the threshold values defined in Article 56. If any exist, this product may require authorisation before being placed on the EU market.

<https://echa.europa.eu/authorisation-list>

None known.

EU REACH - Substances Restricted under REACH [EU Regulation 1907/2006 Annex XVII]

This product contains the following chemicals, with applicable restrictions, found in REACH Annex XVII (updated 18 September

2019) above any applicable threshold value. If any exist, this product may have restrictions against being placed on the EU

market.

<https://echa.europa.eu/substances-restricted-under-reach>

None known.

PFOA and PFOA related compounds [EU Regulation 2017/1000]

This product is not intentionally manufactured or formulated with perfluorooctanoic acid (PFOA) (CAS No 335-67-1, EC No

206-397-9) at >25ppb or its salts, or related compounds at >1000ppb.

Halogenated Flame Retardants

Regulations relating to the following chemicals:

Chemical Name CAS-No. EC-No.

Polybrominated biphenyls (PBBs) various various

Polybrominated biphenyloxides (PBBOs) various various

Polybrominated diphenyloxides (PBDOs) various various

Polybrominated diphenylethers (PBDEs) various various

Polychlorinated biphenyls (PCBs) various various

Decabromodiphenyl ether/oxide (DBDE) 1163-19-5 214-604-9

Octabromodiphenyl ether 32536-52-0 251-087-9

Pentabromobidiphenyl ether 32534-81-9 251-084-2

Hexabromocyclododecane (HBCDD) 3194-55-6 221-695-9

Tetrabromobisphenol A 79-94-7 201-236-9

"Dechlorane Plus" 13560-89-9 236-948-9

This product contains halogenated flame retardants, but does not include any of the above chemicals. This information is based on our vendors' certificates or letters of compliance.

The following ISO 1043-4 Code classifies the type of halogenated flame retardant(s):

FR(17) [aromatic brominated compounds (excluding brominated diphenyl ether and biphenyls) in combination with antimony compounds]



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Heavy Metals [CONEG] [Directive 94/62/EC] [Consumer Product Safety Improvement Act §101]

Regulations relating to the following chemicals:

Chemical Name CAS-No. EC-No.

Lead (and compounds as Pb) 7439-92-1 231-100-4

Mercury (and compounds as Hg) 7439-97-6 231-106-7

Cadmium (and compounds as Cd) 7440-43-9 231-152-8

Chromium VI Compounds 18540-29-9

The product is not intentionally manufactured or formulated with the regulated chemicals at a total level greater than 100 ppm. This information is based on our vendors' certificates or letters of compliance.

Polyvinyl Chloride (PVC)

This product is not intentionally manufactured or formulated with Polyvinyl Chloride (PVC).

Ozone Depleting Substances [US Clean Air Act] [Montreal Protocol]

This Product is not manufactured with any compound with, intentionally formulate it with, or use in the production process, any Class I or Class II substances including CFCs, HCFCs, HBFCs, halons, carbon tetrachloride, methyl chloroform, methyl bromide, or bromochloromethane.

Persistent Organic Pollutants [Stockholm Convention]

Regulations relating to the following chemicals:

Aldrin
Chlordane
Chlordecone
Decabromodiphenyl ether (commercial mixture) c-decaBDE
Dichlorodiphenyltrichloroethane (DDT)
Dieldrin
Endosulfan and its related isomers
Endrin
 β -hexachlorocyclohexane
Lindane (γ -hexachlorocyclohexane)
Mirex
Pentabromodiphenyl ether
Pentachlorobenzene
Pentachlorophenol and its salts and esters
Perfluorooctane sulfonic acid, its salts (PFOS / PFOS-F)
Perfluorooctane sulfonyl fluoride (PFOSF)
Heptabromodiphenyl ether
Heptachlor
Hexabromobiphenyl
Hexabromocyclododecane (HBCDD)
Hexabromodiphenyl ether
Hexachlorobenzene (HCB)
Hexachlorobutadiene
 α -hexachlorocyclohexane
Polychlorinated biphenyls (PCB)
Polychlorinated dibenzofurans (PCDFs)
Polychlorinated dibenzo-p-dioxins (PCDDs)
Polychlorinated naphthalenes (PCNs)



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Short-chain chlorinated paraffins (SCCPs)
Tetrabromodiphenyl ether
Toxaphene

This product is not intentionally manufactured or formulated with the above chemicals. This information is based on our vendors' certificates or letters of compliance.

Conflict Minerals [EU Regulation 2017/821] [Dodd-Frank Wall Street Reform and Consumer Act §1502]

Conflict minerals/ores include columbite-tantalite (source for tantalum and niobium); cassiterite (source for tin); gold; wolframite (source for tungsten). Conflict metals include tantalum, tin, gold, tungsten and their derivatives.. This product does not contain any of the conflict minerals/ores, metals, or derivatives originating from the African Great Lakes Region, the Democratic Republic of Congo, or an adjoining country.

The ingredient information is based on our vendor's disclosure information and may not include all proprietary, trade secret or contamination information that has not been provided to the manufacturer by its vendors.

TSCA 8b Inventory:

All ingredients are listed or exempt from listing on the TSCA 8b inventory.

TSCA 12b:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

Chemical Name CAS-No.

Tetrabromobisphenol A- bis- 2,3-dibromopropylether 21850-44-2

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund

Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name CAS-No.

Antimony Compounds (As Sb) 7440-36-0

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause cancer. This information is based on our vendors' certificates, SDS's, or letters of compliance.

Chemical Name CAS-No.

antimony trioxide 1309-64-4

Lead (and compounds as Pb) 7439-92-1

Inorganic Arsenic (as As) 7440-38-2

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

This information is based on our vendors' certificates, SDS's, or letters of compliance.



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Chemical Name CAS-No.

diarsenic trioxide 1327-53-3

Lead (and compounds as Pb) 7439-92-1

Medical Compliance Status [ISO 10993] [USP]

At least one ingredient in the components of this formula has not been assessed for compliance with medical regulations.

WEEE [Directive 2012/19/EU]

Directive 2012/19/EC Selective treatment for materials and components of waste electrical and electronic equipment, Annex VII includes the following chemicals:

Chemical Name

Polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)

Mercury

Brominated Flame Retardants

Asbestos

Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), hydrocarbons (HC)

Refractory ceramic fibres

Radioactive substances

(Note that hydrocarbons (HC) are listed in Annex VII and hydrocarbons are the basic constituent of all polymers.)

This product contains the following chemical substances listed in Annex VII:

Brominated flame retardants. See the Halogenated Flame Retardants section for more information.

Allergens [EU Regulation 1169/2011]

The product is not intentionally manufactured or formulated with the any of the following: Cereals containing gluten, crustaceans,

eggs or egg products, fish, peanuts, milk or dairy products, tree nuts, celery, mustard, sesame seeds, lupin, or molluscs.

This information is based on our vendors' certificates or letters of compliance.

Other Regulated Chemicals

This product is not intentionally manufactured or formulated with the following chemicals unless specifically listed following each

chemical or chemical group.

Acrylonitrile (CAS# 107-13-1)

4-aminobiphenyl xenyl amine (CAS# 92-67-1) and its salts

Aniline (CAS# 62-53-3) and its salts

Antimony and antimony compounds

Contains the following compound(s):

Chemical Name CAS-No. EC-No. Wt. %

antimony trioxide 1309-64-4 215-175-0 5-10

Arsenic and arsenic compounds

Contains the following compound(s):

Chemical Name CAS-No. EC-No. Wt. %

diarsenic trioxide 1327-53-3 215-481-4 Trace Amounts

Asbestos (all forms)

Azo dyes that generate certain specific amines. [2002/61/EC]

Barium (soluble compounds)



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Benzene (CAS# 71-43-2)
Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST) (CAS# 68921-45-9)
1,4 Benzenediol (Hydroquinone) (CAS# 123-31-9)
Benzidine (CAS# 82-87-5) and its salts
Beryllium and beryllium compounds
Bis(chloromethyl) ether (BCME) (CAS# 642-88-1)
Bismuth and bismuth compounds
Soluble boron compounds
Cadmium and cadmium compounds
Chlorinated paraffins, medium-chain (MCCPs) (C14-C17)
Chlorinated paraffins, short-chain (SCCPs) (C10-C13)
Chromium(VI) salts
Cobalt and cobalt compounds
Dicofol/Kelthane (2,2,2-Trichloro-1,1-bis(4-chlorophenyl)ethanol)
Dimethyl fumarate (DMF) (CAS# 624-49-7)
Diphenylamine (CAS# 122-39-4)
Formaldehyde (CAS# 50-00-0)
Greenhouse gases (fluorinated) referred to by the Kyoto Protocol (HFCs, PFCs, SF6)
Lead and its compounds
Contains the following compound(s):

Chemical Name CAS-No. EC-No. Wt. %

Lead (and compounds as Pb) 7439-92-1 231-100-4 Trace Amounts
Lithium perchlorate (CAS# 7791-03-9) and other perchlorates.
Mercury and its compounds
Monomethyldibromodiphenylmethane (CAS# 99688-47-8)
Monomethyldichlorodiphenylmethane (CAS# 81161-70-8)
Monomethyltetrachlorodiphenylmethane (CAS# 76253-60-6)
N,N'-Ditolyl-p-phenylenediamine, N-Tolyl-N'-xylyl-p-phenylenediamine, or N,N'-Dixylyl-p-phenylenediamine
2-naphthylamine (CAS# 91-59-8) and its salts
Natural Latex Rubber
Nickel and nickel compounds
4-nitrobiphenyl (CAS# 92-93-3) and its salt
Nonyl phenols (NP)
Nonyl phenol ethoxylates (NPE)
Octyl phenols ethoxylates (OPE)
Alkyl phenol ethoxylates (APEO)
Organotin/organostannic compounds [bis-tributyltin oxide (TBTO), tributyltin compounds (TBTs), triphenyltin compounds (TPTs), dibutyltin compounds, dioctyltin compounds, or other organotins compounds]
Pentachlorobenzene (CAS# 608-93-5)
Pentachlorophenol (CAS# 87-86-5) and its salts/esters
Pesticides (incl triclosan, Isothiazolinones. etc)
Polybrominated biphenyls (PBBs)
Polybrominated dibenzo-p-dioxins (PBDDs)
Polybrominated dibenzofurans (PBDFs)
Polybrominated naphthalenes (PBNs)
Polybrominated terphenyls (PBTs)
Polychlorinated biphenyls (PCBs)
Polychlorinated naphthalenes (PCNs)
Polychlorinated Terphenyls (PCTs)
Polycyclic Aromatic Hydrocarbons (PAHs) including Acenaphthylene (CAS# 208-96-8), Acenaphthene (CAS# 83-32-9), Anthracene (CAS# 120-12-7), Benzo[a]anthracene (CAS# 56-55-3), Benzo[a]pyrene (CAS# 50-32-8), Benzo[e]pyrene (CAS# 192-97-2), Benzo[b]fluoranthene (CAS# 205-99-2), Benzo[j]fluoranthene (CAS# 205-82-3), Benzo[k]fluoranthene (CAS# 207-08-9),



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Benzo[g,h,i]perylene (CAS# 191-24-2), Chrysene (CAS# 218-01-9), Dibenzo[a,h]anthracene (CAS# 53-70-3), Fluoranthene (CAS# 206-44-0), Fluorene (CAS# 86-73-7), Indeno[1,2,3-cd]pyrene (CAS# 193-39-5), Naphthalene (CAS# 91-20-3),

Phenanthrene (CAS# 85-01-8), Pyrene (CAS# 129-00-0).

[Note that carbon black grades will characteristically contain detectable trace levels of polycyclic aromatic hydrocarbons. So any compound colored with carbon black may therefore contain unintentional trace levels of polycyclic aromatic hydrocarbons.]

Radioactive substances

Selenium and selenium compounds

Sulfur Hexafluoride (CAS# 2551-62-4)

Tetrabromobisphenol A (TBBPA) (CAS# 79-94-7)

Tetrachlorobenzene (CAS# 12408-10-5)

Tetrachloroethylene (CAS# 127-18-4)

Tetrafluoromethane (CAS# 75-73-0)

Thallium and thallium compounds

Tris-(1-aziridinyl) phosphine oxide (CAS# 545-55-1)

Tris(2,3-dibromopropyl)phosphate (TRIS) (CAS# 126-72-7)

2,4,6-Tri-tert-butylphenol (CAS# 732-26-3)

White/yellow phosphorus