

## U4820L NC01 PA66 RESIN

### REACH

INVISTA confirms that the products listed above, if supplied to your company by INV Nylon Chemicals Netherlands B.V. is currently in compliance with the EC regulation 1907/2006 (REACH).

This means that the substances/monomers contained in the product are either:

- registered by INV Nylon Chemicals Netherlands B.V.; and/or
- exempted from registration under REACH; and/or
- excluded from REACH altogether.

However, please note that according to INVISTA's current interpretation of the regulation this registration can only cover product manufactured by INV Nylon Chemicals Netherlands B.V. in the EU or imported into the EU by INV Nylon Chemicals Netherlands B.V. It is not possible for INV Nylon Chemicals Netherlands B.V. to cover product which does not meet these criteria.

The product above, when supplied to your company by INVISTA Nylon Chemicals (China) Co. Ltd. or INVISTA (US), is not manufactured in the EU and is at no time imported into the INV Nylon Chemicals Netherlands B.V.. In these circumstances it will not be covered by any registration which INV Nylon Chemicals Netherlands B.V. holds for substances or monomers contained in the product in the EU.

### REACH Annex XVII – Restrictions of certain dangerous substances

Based on our knowledge we advise you that INVISTA does not include as an intentional additive or ingredient the chemicals currently listed in Annex XVII and none of the listed chemicals are intentionally added or expected to be present in the product listed above.

### REACH Annex XIV – Authorization List

Based on our knowledge we advise you that INVISTA does not include as an intentional additive or ingredient the chemicals currently listed in Annex XIV and none of the listed chemicals are intentionally added or expected to be present in the product listed above.

### Chemical Inventory Status

This polymer product is either listed, or exempt from being listed, on the following chemical inventories:

United States (TSCA); Canada (DSL); Japan (ENCS); Australia (AICS); Korea (KECI); Philippines (PICCS); China (IECS); Taiwan (TCSI); Philippines (PICCS)

### RoHS

In reference to compliance with European directive 2011/65/EU and amendments (RoHS3), this directive places restrictions on the maximum concentration of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenylethers (PBDE) in electrical and electronic equipment. We advise you that INVISTA does not include as an intentional additive or ingredient or as a known impurity above designated thresholds in the above listed product the chemicals identified below:

Metals: Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr VI), Zinc (Zn)

Brominated phenols: Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE)

Phthalates: Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)

### SVHC

We advise you that the following chemicals are not present in the above listed product as provided to you by INVISTA.

SVHC substances according to REACH EC/1907/2006 (list as of 25 June 2025)

Based on our knowledge we advise you that INVISTA does not include as an intentional additive or ingredient the chemicals identified in your inquiry in the manufacture of the products mentioned above.

### GADSL

We have evaluated the chemicals listed on GADSL (list as of 1-July-2023) and none of the listed chemicals are intentionally added or expected to be present at or above the listed GADSL/IMDS threshold limits in the above listed product.

### California Proposition 65

The list of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

We advise you that, as of the revision date of this document, INVISTA does not include as an intentional additive or ingredient these chemicals and/or materials in the manufacture of the above listed product.

### California Flame Retardants AB 2998

The flame retardant chemicals that are prohibited by AB 2998 as defined in §19100(c)(1). We advise you that INVISTA does not include as an intentional additive or ingredient these chemicals and/or materials in the manufacture of the above listed product.

### Carcinogenic, Mutagenic, or toxic for Reproduction (CMRs)

We have evaluated the chemicals listed as CMRs under Part 3 of Annex VI to Regulation (EC) No. 1272/2008 and we advise you that INVISTA does not include as an intentional additive or ingredient these chemicals and/or materials in the manufacture and/or none of the chemicals listed are expected to be present in the above listed product.

### Dodd-Frank Act: Conflict Minerals

INVISTA does not include as an intentional additive or ingredient the conflict minerals listed below in the manufacture of the above listed product.

- Tantalum and Columbite – tantalite (or Coltan) – ore for tantalum
- Tin and Cassiterite – ore for tin
- Tungsten and Wolframite – ore for tungsten
- Gold

**Please note that INVISTA does not routinely analyze the above listed product for the above referenced substances.**

# Regulatory Data Sheet



## FDA Food Contact

The purpose of this memo is to inform you that the above listed product, may be used under the conditions of use specified in 21 C.F.R. 177.1500 ("Nylon resins"), specifically 21 CFR 177.1500(a)(1) and 21 CFR 177.1500(b)(1) and such use is in full compliance with the United States (US) Federal Food, Drug and Cosmetic Act, and all applicable US food additive regulations and US Food Contact Notifications.

## European Standard EN71

We have evaluated the chemicals listed in European Standard EN71 and none of the listed chemicals are intentionally added or expected to be present in the above listed product. However, that INVISTA does not analyze the above listed product for the chemicals identified in your inquiry on a routine basis. Please note that while the above product does not contain the substances listed in EN71 it is the responsibility of the toy manufacturer to ensure the products that they produce are compliant with the standard.

## ZDHC MRSL V2.0 (Manufacturing Restricted Substance List)

We have evaluated the chemicals listed in ZDHC MRSL v2.0 and none of the listed chemicals are intentionally added or expected to be present in the above listed product. However, that INVISTA does not analyze the above listed product for the chemicals identified in your inquiry on a routine basis.

## European Persistent Organic Pollutants (POPs) EN 2019/1021

We have evaluated the chemicals listed in the recast of the EU POPs and none of the listed chemicals are intentionally added or expected to be present in the above listed product. However, that INVISTA does not analyze the above listed product for the chemicals identified in your inquiry on a routine basis.

## Other Substances

We advise you that INVISTA does not include as an intentional additive or ingredient the chemicals and/or materials below in the manufacture of the above listed product.

### **Asbestos**

### **Formaldehyde**

### **Pesticides Phthalates**

### **Chlorinated benzenes and toluenes**

### **Biological active products**

### **Flame retardant products**

### **Heavy-metals in extractable form (>100 ppm)**

Sb (Antimony), As (Arsenic), Pb (Lead), Cd (Cadmium), Cr (Chromium), Cr(VI), Co (Cobalt), Cu (Copper), Ni (Nickel), Hg (Mercury)

### **CONEG (94/62/EG) metals (in extractable form) (>100 ppm):**

Pb (Lead), Cd (Cadmium), Cr (Chromium VI), Hg (Mercury)

### **Chlorinated phenols:** PCP, TeCP, TrCP, DCP, MCP

### **Organic tin compounds:** TBT, TPhT, DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPHT, TeBT, TeET, TCyHT, TMT, TOT, TPT

### **Other chemical residues:** OPP, Arylamines, SCCP, TCEP, DMFu

### **Colorants:** Cleavable arylamines, carcinogens, allergens, Navy Blue

### **Polycyclic aromatic hydrocarbons (PAH):**

Benzo[a]pyrene, Benzo[e]pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Benzo[k]fluoranthene, Dibenzo[a,h]anthracene

### **Volatile Organic Compounds:** Benzene (71-43-2), Xylene (1330-20-7), o-cresol (95-48-7), p-cresol (106-44-5), m-cresol (108-39-4)

### **Halogenated Solvents:** 1,2-dichloroethane (107-06-2), Methylene chloride (75-09-2), Trichloroethylene (79-01-6), Tetrachloroethylene (127-18-4)

### **Heavy Rare Earth Elements (HREE):** Yttrium, dysprosium, samarium, terbium, gadolinium, lutetium, scandium and permanent magnets of dysprosium or terbium

### **Surfactant, wetting agent residues:** OP, NP, OP(EO), NP(EO)

### **PFC's (Per- and polyfluorinated compounds):** PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE, PFOA, PFAS, PFHpA, PFNA, PFDA, PFUDA, PFDoA, PFTrDA, PFTeDA, Further perfluorinated carbonic acids, Perfluorinated sulfonic acids, Partially fluorinated carbonic / sulfonic acids, Partially fluorinated linear alcohols, Esters of fluorinated alcohols with acrylic acid

### **UV stabilizers:** UV 320, UV 327, UV 328, UV 350

### **Animal Derived Components**

### **Allergens:** milk, eggs, nuts, shellfish, fish, wheat, soy, gluten

### **Latex**

### **Natural Rubber**

### **Bisphenol A (BPA), Bisphenol S (BPS), Bisphenol F (BPF)**

### **Plasticizers**

### **Epoxy Derivatives:** Bisphenol-A Diglycidyl Ether (BADGE), Bisphenol-F Diglycidyl Ether (BFDGE), novolac glycidyl ethers (NOGE)

### **Optical Brighteners**

### **EDTA (60-00-4)**

### **DTPA (67-43-6)**

### **Genetically Modified Organisms & components derived from GMOs**

### **Chlorine (7782-50-5) Polyvinyl chloride (PVC)**

### **Polybrominated biphenyls (PBB)**

### **Polychlorinated biphenyls (PCB)**

### **Polybrominated diphenyl ethers (PBDE)**

### **Hexabromocyclododecane (HBCD)**

### **Colophony (8050-09-7)**

### **Mica**

### **Phenol, Isopropylated Phosphate (PIP (3:1)) Decabromodiphenyl Ether (DecaBDE)**

### **2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP) Hexachlorobutadiene (HCBd) Pentachlorothiophenol (PCTP)**

### **Solvent residues:** NMP, MDAC, DMF, Formamide

### **Glycols:**

Bis(2-methoxyethyl)-ether (111-96-6)

2-ethoxyethyl acetate (111-15-9)

2-methoxyethanol (109-86-4)

2-ethoxyethanol (110-80-5)

2-methoxyethylacetate (110-49-6)

2-methoxypropylacetate (70657-70-4)

Ethylene glycol dimethyl ether (110-71-4)

Triethylene glycol dimethyl ether (142-49-2)

**Please note that INVISTA does not routinely analyze the above listed product for the above referenced substances.**

This document relates only to the identified product and is based on information available as of the date hereof. INVISTA does not have any obligation to notify you if the enclosed information should change after the date hereof. Additional information may be needed to evaluate uses of the product, including use of the product in combination with any materials or in any processes. Purchasers and users of the product are responsible for determining that the product is suitable for the intended use and that their workers and the general public are advised of any risks resulting from such use. Nothing contained in the enclosed document shall be construed to modify any of the commercial terms pursuant to which the product was or may be sold by INVISTA including, but not limited to, terms and conditions addressing each party's respective rights and obligations with regard to warranties, remedies and indemnification.