Regulatory Compliance Product Declaration (RCPD)
Teldene® R25MLT
A product of National Petrochemical Industrial Company NATPET

REACH (Regulation (EC) No. 1907/2006)
This product is REACH compliant and the monomer (propylene) used for this product is registered (01-2119447103-50-0144) under REACH regulation. For EU customers we appointed Steptoe & Johnson LLP as EU only representative (OR) to fulfil REACH obligation. All members of the supply chain are affected by REACH, and we recommend that you seek additional advice, in the event that you need further clarification concerning your own obligations related to the REACH legislation, you may contact our OR through the email eSDS3@steptoe.com

Substances of Very High Concern (SVHC)
This product does not contain any of the Annex XIV candidate chemicals proposed to be Substances of Very High Concern (List as of January 12, 2017, REACH 173-substances) above the 0.1% threshold as stated in REACH (Article 57, Regulation No. 1907/2006) determined either through, (i) non-use of the substance, (ii) mass balance calculation, or (iii) specific testing. The current list can be found at the following link to the ECHA website: http://echa.europa.eu/web/guest/candidate-list-table

Global Food Contact Status
European Union (EU):
- The product is in compliance with the revised regulation of 10/2011 and issued as 2016/1416.
- This product complies with relevant requirements of Regulation EU 10/2011 (PIM) and its subsequent amendments, applicable to intermediate materials (i.e. Plastic powders, plastic granules or plastic flakes).
- The monomer and additives of this product are listed in the union list of authorized substances of EU regulation 10/2011/EC and subsequent amendments.
- The product is in compliance with the revised regulation 1282/2011.
- The product is in compliance with the relevant requirements of regulation 1935/2004/EC.
- This product complies with the relevant requirements of regulation 2023/2006/EC (GMP).

SML & OML Components
- This product contains one or more components with specific migration limits (SMLs) as specified by the regulation EU 10/2011.
- EU regulation 10/2011/EC specifies 10mg/dm² as the maximum overall migration (OML) from the finished plastic food contact material or article. The OML and SML determinations are the responsibility of the manufacturer of finished plastic food contact material or article. We would like to remind that the finished food contact material or article manufacturer must follow the GMP and make sure it does not modify the organoleptic properties of the food.

Dual Use Additives
- This product contains one or more Dual Use Additives as defined in Regulation 10/2011/EC:
  - E 470a: Calcium Salts of fatty acids
  - E 471: Mono- and di-glycerides of fatty acids

United States (FDA):
The base resin of this product complies with FDA directive 21 CFR177-1520 (a)(3)(i) and (c)3.2a. Best of our knowledge, all other ingredients used in this product meet the requirements of their respective FDA regulations and 21CFR177.1520 (b). The grade is in compliance of the food contact requirement, including cooking, under conditions of A through H in 21CFR176.170(c), Table 2 and can be used in contact of all food types listed in 21 CFR 176.170(c), Table1.
China:
GB9693-1988 "Hygienic standard for polypropylene resin used as food packaging material":
This product complies with the requirements of GB9693-1988 of less than or equal to 2 per cent of N-hexane extract.
GB9685-2008 "The Hygienic Standards for Uses of Additives in Food Containers and Packaging Materials":
All additives in this product comply with the requirements of GB9685-2008. However, there is a substance used in this product for which a Specific Migration Limit (SML) has been established in GB9685-2008. We want to remind you that this specification applies to the final articles as defined in GB9685-2008 section 2.5.

The revised regulation of GB9685-2008 as GB9685-2016 and GB4806.6-2016 are going to be implement by Oct. 2017, we started to evaluate the grade for compliance of the revised regulation.

Tallow
Tallow derived additives may be used in the manufacture of this product.

Bovine Spongiform Encephalopathy (BSE)/Transmissible Spongiform Encephalopathy (TSE)/"Mad Cow"
Tallow derived materials used in this product compliance to the requirements of the regulations 1223/2009/EC, 1069/2009/EC and 142/2011/EC.
The tallow derived raw materials used in this product fulfill the requirements laid down in the Note for Guidance, EMA/410/01, rev.3, part 6.4 (Tallow Derivatives).

Halal
We do not issue halal certificate for our resins.

Kosher
We do not issue kosher certificate for our resins.

Food Allergens
European Union:
The food ingredients listed in the Annex II of European Directive 1169/2011/EC, are not used in the manufacture of or formulation of this product. However, this product has not been tested for these substances.

United States:
Major food allergens (crustacean shellfish, eggs, fish, milk, peanuts, soy, tree nuts, and wheat) as specified in the Food Allergen Labelling and Consumer Protection Act (FALCPA) of 2004 are not used in the manufacture of or formulation of this product. However, this product has not been tested for these substances.

Biocides
The active substances listed in the Annex I of the biocidal products regulation, EU 528/2012, are not used in the manufacture of or formulation of this product. However, this product has not been tested for these chemical substances.

European Pharmacopeia (EP)
This product cannot be certified for compliance to EP requirements.

Drug Master File (DMF)
Information on this product is not listed in a DMF.

US Pharmacopeia (USP)
This product cannot be certified for compliance to USP requirements.

ICH Harmonized Guideline for Elemental impurities
The elemental impurities of class 1, 2, 3 listed in latest version of guideline Q3D are not intentionally used in the manufacturing or formulation of this product. However, this product has not been tested for these substances.
Latex

"Natural rubber latex", "dry natural rubber", "synthetic latex" or "rubbers that contains natural rubber" are not used in the manufacture of or the formulation of this product.

Heavy metals (ELV Directive 2000/53/EC and its following amendments, final amendment 2013/28/EU)
The quantity (statistically evaluated) of Cd, Pb, Cr(VI), Hg present in this grade is deemed below the limits given in Annex II (Note) of the Decision 2013/28/EU of May 17th 2013 Directive which establishes:

- 0.1% Lead
- 0.1% Chromium
- 0.1% Mercury
- 0.01% Cadmium

VDA 270
Representative samples of this product have been tested as per the standard, VDA 270 “Determination of the odor characteristics of trim materials in motor vehicles”. Accordingly, the odor characteristic of this product is classified as Grade 2 (not perceptible) on the evaluation scale.

UL Flammability
Representative samples of this product have been tested as per standard UL 94-HB and verified as compliance to the standard.

Coalition of Northeastern Governors (CONEG)
Cadmium, chromium (VI), lead and mercury are not used in the manufacture of or the formulation of this product. In addition, this product meets the CONEG requirements of less than 100 ppm for total incidental cadmium, chromium, lead and mercury.

Cadmium, chromium (VI), lead and mercury are not used in the manufacture of or the formulation of this product. This product meets the 94/62/EC requirements of less than 100 ppm for total incidental cadmium, chromium (VI), lead and mercury. In addition, this product has the potential to be recycled according to these requirements.

California’s Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, Jan, 2017)
Chemicals mentioned in the list of proposition 65 are not directly used in the manufacture of or formulation of this product and are not expected to be present. However, this product has not been tested for those chemical substances.

Ozone Depleting Chemicals (ODCs)
European Union:
The ozone-depleting substances (ODS), listed in the Annexes I & II of the Regulation (EC) No 1005/2009 of 16 September 2009, are not intentionally used in the manufacture of or formulation of this product.

United States:
The ozone depleting substances (ODS), listed in the US Clean Air Act of 1990 Title VI, class I (CFC’s) and class II (HCFC’s Halons and the solvents, carbon tetrachloride and methyl chloroform) are not intentionally used in the manufacture of this product.

Toy Regulations
CEN standard for toys refer to safety of toys and not specifically to plastic resins. However, on the basis of information from raw material suppliers for our resins we deem this product complies with the requirements of CEN Standard EN71.3/EN71.9 (as amended) but the product has not been tested according to the CEN standards.
Global Automotive Declarable Substance List 2017 (GADSL)
The monomer, the base resin and the additives used in the formulation of this product are not listed in the
aforementioned Global Automotive Declarable Substance List. The phthalate plasticizers that have been listed in the
GADSL are not intentionally used by NATPET in the manufacture or formulation of this product.

Phthalates
NATPET does not use any plasticizers in the resins it supplies. Polyolefin do not require the use of plasticizers to make
them soft and flexible. Those phthalate plasticizers that have been associated with potential health issues are not
intentionally used by NATPET in the manufacture of or formulation of its resins.

Persistent Organic Pollutants (POP) – Regulation 1342/2014/EU amending regulation 850/2004/EC
The chemical substances listed in the Annex I of the regulation 1342/2014/EU that require selective waste management
are not used in the manufacture or formulation of this product and are expected not to be present. However, this product
has not been tested for these chemical substances.

Cosmetic regulation 1223/2009/EC
The EU regulation 1223/2009/EC applies to cosmetic products and it does not apply to the polymer resins. However, we
confirm that any of the substances listed in the Annex II of the regulation 1223/2009/EC is not used in the manufacture
or formulation of this product. However, this product has not been tested for these chemical substances.

Other Chemicals
The chemical substances listed below are not used intentionally in the manufacture or the formulation of this product
and are not expected to be present. However, this product has not been tested for these chemical substances:

2-(2H-1, 2, 3-Benzotiazol-2-yl)-4,6-di-tert-butylphenol (Benzotriazole); CAS number 3846-71-7;
2-Mercaptobenzothiazole (Benzothiazole-2-thiol or MBT), CAS number 149-30-4;
Acrylamide, CAS number 79-06-1;
Acrolein (propanal), CAS number 107-02-8;
Aromatic Amines;
Asbestos;
Azo Dyes and Pigments;
Benzene; CAS number 71-43-2;
Benzophenone, CAS number 119-61-9;
Bisphenol A, CAS number 80-05-7; and other derivatives of Bisphenol
Butylated hydroxyanisole (BHA), CAS number 121-00-6 and 25013-16-5;
Butylated hydroxytoluene (BHT), CAS number 128-37-0;
Crystal Violet, CAS number 548-62-9;
Chlorinated paraffins;
Cyanuric acid, CAS number 108-80-5;
Dioxins;
Epichlorohydrin, CAS number 106-89-8;
Formaldehyde, CAS number 50-00-0;
>>Formaldehyde in specific conditions could be formed during the resin processing (see MSDS)
Fluorocarbons;
Fluorotelomers;
Gold (Au), CAS number 7440-57-5;
Halogenated flame retardants;
GMO;
Hindered phenols;
Isopropylthioxanthane (ITX), CAS number 83846-86-0;
Melamine, CAS number 108-78-1;
Nonylphenol, CAS number 25154-52-3;
Organo-tin Compounds;
Peroxide:
Perfluorochemicals (PFCs);
Perfluorooctanoic acid (PFOA), CAS number 335-67-1;
Perfluorooctane sulfonate (PFOS), CAS number 1763-23-1;
Polybrominated Biphenyls (PBBs);
Polybrominated Diphenyl Ethers (PBDEs);
Polybrominated Terphenyls (PBTs)
Polychlorinated Biphenyls (PCBs);
Polychlorinated Naphthalenes (PCNs);
Polychlorinated Terphenyls (PCTs);
Polycyclic Aromatic Hydrocarbons (PAHs):
1,2-dihydro-acenaphthene (CAS# 83-32-9);
acenaphthylene (CAS# 208-96-8);
9H-fluorene (CAS# 86-73-7);
anthracene (CAS# 120-12-7);
benz(a)anthracene (CAS# 56-55-3);
benzo(a)pyrene (CAS# 50-32-8);
benzo(b)fluoranthene (CAS# 205-99-2);
benzo(e)pyrene (CAS# 192-97-2);
benzo(ghi)perylene (CAS# 191-24-2);
benzo(j)fluoranthene (CAS# 205-82-3);
benzo(k)fluoranthene (CAS# 207-08-9);
chrysene (CAS# 218-01-9);
dibenz(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);
Polystyrene;
Polyvinyl Chloride (PVC), CAS number 9002-86-2;
Polyvinylidene chloride (PVDC), CAS number 9002-85-1;
Silicone
Styrene monomer, CAS number 100-42-5;
Sulfur di-oxide, CAS number 7446-09-5;
Sulfide or sulfide derivatives
Tris-nonylphenol phosphite (TNPP), CAS No. 26523-78-4;
Tin oxide (SnO2), CAS number 8062-08-6;
Vinyl Chloride, CAS number 75-01-4;

Nanomaterials
NANOMATERIALS (defined as a natural, incidental or manufactured material, containing particles, in an unbound state
or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one
or more external dimensions is in the size range 1 nm - 100 nm.) are not used in the manufacture of or the formulation
of this grade. However, this product has not been tested for these chemical substances

Plasticizers and Epoxy Derivatives Under Regulation (EC) N.1895/2005
BADGE, NOGE and BFDGE are not used in the manufacture of or the formulation of this product according to requirement
of Regulation N.1895/2005.

Dimethyl Fumarate (DMF) - EU Commission Decision 2009/251/EC
Dimethyl fumarate [2-butenedioic acid (2E), dimethyl ester] (DMF) (CAS#: 624-49-7) is not used in the manufacture of
or formulation of this product. However, we do not test this product for DMF.
Triclosan(2,4,4’-trichloro-2’-hydroxydiphenyl ether)-Commission Decision of 19 March 2010-(2010/169/EU)
Triclosan (2,4,4’-trichloro-2’-hydroxydiphenyl ether) Cas. N.3380-34-5 is not used in the manufacture or formulation of this product. However, this product has not been tested for this substance.

Conflict Minerals (Dodd-Fran Wall Street Reform and Consumer Protection Act – September, 2010)
Conflict minerals, which include columbite-tantalite (also known as coltan) [source for tantalum], cassiterite [source for tin], gold, wolframite [source for tungsten] or their derivatives are not intentionally used in the manufacture or formulation of this product. However, we do not test this product for these substances.

Rhode Island Air Toxics
To the best of our knowledge the chemicals in the list of Rhode Island Air Toxics mentioned as HAP are not used in the manufacturing or formulation of this product. However, this product has not been tested for these chemical substances.

Switzerland "VOC-LENKUNGSABGABE"
This product contains less than 3% VOCs of the substances in the positive lists of the above Regulations.

At the light of our acknowledge,
- PBDE
- PBB
- Chromium (VI)
- Lead
- Mercury
- Cadmium are not used nor intentionally added in the production of the resin.
The incidental sum of their concentrations does not exceed the limits established by Decision 2011/65/EU.

The chemical substances (PCB, PCT, Hg, asbestos, CFC, HCFC, HFC, ceramic fibers, brominated flame retardants) requiring selective waste treatment are not used in the manufacture or formulation of this product. However, this product has not tested for these chemical substances.

Global Chemical Control Regulations
The substances used in the manufacture and formulation of this product including the base resin are listed in the following chemical inventories:

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Inventory</th>
</tr>
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<tbody>
<tr>
<td>Australia</td>
<td>AICS</td>
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<tr>
<td>Canada</td>
<td>DSL</td>
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<tr>
<td>China</td>
<td>IECSC</td>
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<tr>
<td>Japan</td>
<td>ENCS</td>
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<td>Philippines</td>
<td>PICCS</td>
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<td>United States of America</td>
<td>TSCA</td>
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<tr>
<td>Taiwan</td>
<td>TCSCA</td>
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</tbody>
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*Please consult with your NATPET representative to understand volume approvals.
Composting - CEN Standard EN 13432
This product is not suitable for composting.

Energy Recovery - CEN Standard EN 13431
The calorific gain from polypropylene in an energy recovery process is 24 MJ/kg.

Disclaimer
The information in this document is, to the best of our knowledge, true and accurate at the time and date of issue. However, information in this document may be updated periodically due to changes in the laws and regulations, or for other reasons, therefore we cannot guarantee that the status of this product will remain unchanged. Hence, users are expected to regularly visit our website www.natpet.com to obtain the most current information on this product.

Users are advised to review the applicable Safety Data Sheet before handling the product. Before using this product user should make their own independent determination that the product is suitable for the intended use and can be used safely and legally.

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