



## Nitto Europe NV

Eikelaarstraat 22, 3600 Genk, Belgium  
TEL +32-89-36 01 11 FAX +32-89-36 22 42  
<http://www.nitto.com>, [info@nittoeur.com](mailto:info@nittoeur.com)

Re: PVC Tapes. Product Change Notification  
DEHP (DOP) Replacement

Date 10 July 2014

Dear Valued Customer,

As outlined by the EU regulation on Registration, Evaluation and Authorization of Chemicals (REACH), Nitto is committed to comply with this REACH regulation and therefore implement changes within our PVC/Tape product lines to meet the latest regulatory requirements.

1. Nitto Europe uses actually DEHP (DOP) as plasticizer in the PVC tapes and this particular plasticizer is listed as SVHC substance in REACH, so Nitto Europe is improving and resolving this by replacing the actual plasticizer by DINP
  - a. DEHP Di(2-ethylhexyl)**phthalate**
  - b. DINP Diisononyl **phthalate**

2. PVC/T items concerned:

#### General purpose tapes

201 (150μ)  
21 (190μ)  
2015 (150μ)  
2020T (200μ)

#### Electrical insulating tapes (IEC Approved)

2313 (130μ)  
201X (150μ)  
228 (190μ)  
228SK (190μ)  
225 (190μ)

3. Schedule

- a. Availability of IEC approvals with classifications for the electrical insulating tapes: 30 September 2014
- b. Start of mass production: 15 December 2014
- c. Transition period : 15 December 2014– 15 April 2015. During these months Nitto will use up the DEHP finished stocks first and build up DINP stocks. It is unavoidable, seen the wide variety of tape types-dimensions-colors-packaging standards, that Nitto supplies during that period PVC tape cartons with DEHP as well as DINP plasticizer. Per carton there will be only DEHP rolls or DINP rolls, not mixed.

4. Property differences. The properties will not change.

5. Certifications and application temperature ranges: no change:

2313 (130μ)	IEC 60454-3-1- <b>6</b> /F-PVC/90 (from -10°C to +90°C)
201X (150μ)	IEC 60454-3-1- <b>6</b> /F-PVC/90 (from -10°C to +90°C)
228 (190μ)	IEC 60454-3-1- <b>10</b> /F-PVC/105 (from -10°C to +105°C)
228SK (190μ)	IEC 60454-3-1- <b>7</b> /F-PVC/90 (from -18°C to +90°C)
225 (190μ)	IEC 60454-3-1- <b>7</b> /F-PVC/90 (from -18°C to +90°C)



6. Label identifications

- a. Individual roll and 10-roll packs: no change
- b. Core prints: no change.
- c. Carton label prints: during the first 4 months after the replacement (15 December 2014 till 15 April 2015) Nitto will stamp the new manufactured PVC/T version by a "N" beside the carton label

7. Prices, warranty, warranty period: no change

8. Availability of samples. On your request to your usual local Nitto contact we can supply already now one or a few sample rolls of the new developed PVC tapes with DINP plasticizer. These rolls are available as sample in the standard sizes 19 and 25mm wide by 10m long and the following colors only:

228	Black	20m
228SK	Black	20m
225	Black	20m
201X	Black	20m
2313	Black	20m
201	Yellow-Green	25m
201	Grey	25m
21	Grey	20m

9. Material Safety Data Sheet will be updated accordingly and will be available in due time.

10. Later this year Nitto will inform you more detailed about this change. Please contact your local Nitto Office for samples or any further information.

Yours sincerely,

Albert Vliegen  
Product Manager

Tel. direct +32-89-360598  
Mobile +32-477-586026  
albert\_vliegen@nittoeur.com

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NITTO EUROPE NV  
Eikelaarstraat 22 - 3600 Genk - Belgium  
Tel. +32-89-36 01 11 Fax +32-89-36 22 42 - <http://www.nittoeurope.com>