



Australian Government

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Australian Government

Department of Health and Ageing
NICNAS

The *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) commenced on 17 July 1990. As required by Section 5 of the Act, a Chemical Gazette is published on the first Tuesday in any month or on any days prescribed by the regulations.

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1 NICNAS WORKSHOP FOR NOTIFIERS

Pre-Hazmat workshop on the notification of new industrial chemicals

The NICNAS training workshop that was to be held on Tuesday, 4th May 2010, in Melbourne has been postponed due to insufficient interest.

Therefore, NICNAS is proposing to hold a one-day training workshop in Sydney. The workshop is likely to be held in July-August, 2010.

The workshop will focus on the practical aspects of effectively completing a new industrial chemicals notification. Emphasis will be placed on both certificate and permit categories (including low regulatory concern chemicals) and discussion of the scheduled data requirements for these categories.

Both NICNAS and DEWHA (Department of the Environment, Water, Heritage and the Arts) assessors will be giving presentations and available to answer any questions you may have.

If you would be interested in attending this workshop please contact Julie Brown on 02 8577 8870 or email industry.training@nicnas.gov.au for further information. Please also provide comment if there are topics that are not mentioned above that you would like covered in this (or a similar) workshop.

If you are interested in attending a workshop on the regulation of new industrial chemicals in your city (especially Adelaide or Perth) please email us at industry.training@nicnas.gov.au so we can gauge the interest in your area.

2 NICNAS COST RECOVERY IMPACT STATEMENT (CRIS)

NICNAS is conducting a review of its cost recovery arrangements in accordance with the government's cost recovery policy and guidelines.

NICNAS activities are cost recovered from industry through two funding streams:

- New chemicals fees and charges – fee for service for new chemical assessments; and
- NICNAS registration – three tiered annual levy on all introducers of industrial chemicals (importers and manufacturers).

It is a requirement of the government's cost recovery guidelines that in reviewing cost recovery arrangements agencies undertake appropriate stakeholder consultation, including with relevant departments. NICNAS stakeholders include the chemicals industry, the general community (including workers), and the Australian, state and territory governments. Stakeholder consultation will be undertaken in accordance with the government's consultation principals, with an emphasis on achieving high-quality consultations.

There will be at least two opportunities for stakeholders to contribute to the review through a mix of workshops, one-on-one consultations, online survey and written submissions. It is anticipated that an initial discussion paper will be released on the NICNAS website the week beginning Monday 17 May 2010. This paper will be open for written comment for approximately 6 weeks. During this time it is expected that public consultation meetings will be held in Sydney on Tuesday 1 June 2010 and Melbourne Friday 4 June 2010, with meetings in other states and territories to be determined by demand.

NICNAS will provide periodic updates via:

- a dedicated web page;
- *NICNAS Matters*;
- emails to mailing list subscribers; and
- the Chemical Gazette.

To register your interest in attending the public consultation meetings and/or to be included on the electronic mailing list to receive updates on the review's progress please email CRIS@nicnas.gov.au.

For more information please go to the NICNAS CRIS web page http://www.nicnas.gov.au/Current_Issues/CRIS.asp.

3 PUBLICATION SUMMARY REPORT

Polymer in Autoclear LV Scratchguard Summary Report Reference No: LTD/1420

Akzo Nobel Car Refinishes Australia Pty Ltd (ABN 26 087 571 882) of 269 Williamstown Road Port Melbourne VIC 3207 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Autoclear LV Scratchguard. The notified polymer is intended to be used as a component of automotive refinish paints at concentrations up to 30%. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified polymer can not be classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004). However the carcinogenic and/or mutagenic potential of the notified polymer can not be totally ruled out based on the presence of a structural alert and high percentage of low molecular weight species, and positive result in an *in vitro* chromosomal aberration assay on an acceptable analogue mixture.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer during spray application:
 - Use of spray paints containing the notified polymer should be in accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC, 1999)
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid contact with eyes and skin
 - Do not inhale spray, mist or vapour
 - A shower station should be available

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - Coveralls
 - Safety glasses
 - Impermeable gloves
 - Respirator

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;or
- (2) Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from a component of automotive refinish paints at concentrations up to 30%, or is likely to change significantly;
- the amount of polymer being introduced has increased from 10 tonnes per annum, or is likely to increase, significantly;
- the polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of the notified polymer and product containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

4 PUBLICATION SUMMARY REPORT

Polymer SP-03 in Magenta Toner Summary Report Reference No: LTD/1429

Fuji Xerox Australia Pty Ltd (ABN 63 000 341 819) of 101 Waterloo Rd North Ryde NSW 2015 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer SP-03 in Magenta Toner. The notified polymer is intended to be used as an ingredient of a toner used in printers. Up to one tonne of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

As no toxicological data were submitted, the notified polymer cannot be classified according to the NOHSC *Approved Criteria for Classifying Hazardous Substances* [NOHSC: 1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified polymer;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from as an ingredient of a toner used in printers/copiers;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.
 - the concentration of isoprene residual monomer is $\geq 0.1\%$ in the notified polymer.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

5 PUBLICATION SUMMARY REPORT

Polymer in ZELAN 8719 Summary Report Reference No: LTD/1451

Dupont (Australia) Ltd (ABN 59 000 716 469) of 7 Eden Park Drive, Macquarie Park, NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in ZELAN 8719. The notified polymer is intended to be used as a component of a stain resistant formulation for carpets. Up to 5 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the provided data the notified polymer is classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The following risk phrase applies to the notified polymer:

- Xi: R36 Irritating to eyes

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Safe Work Australia, should consider the following health hazard classification for the notified polymer:
 - Xi: R36 Irritating to eyes
- Use the following risk phrases for products/mixtures containing the notified polymer:
 - Conc \geq 20%: R36

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer in the product SR-500:
 - Avoid contact with skin and eyes

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer during carpet treatment:
 - impervious gloves
 - safety glasses
 - protective clothing

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe removal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;
 - the concentration of the notified polymer in the finished stain resist formulation exceeds 1%.

or

- (2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from a component of a stain resistant formulations for carpets or is likely to change significantly;
 - the amount of chemical being introduced has increased from 5 tonnes, or is likely to increase significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

6 PUBLICATION SUMMARY REPORT

**Synative ES 3345
Summary Report
Reference No: LTD/1465**

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive, Tullamarine, VIC 3043 and BP Australia Pty Ltd (trading as Castrol Australia Pty Ltd) (ABN 53 004 085 616) of 132 McCredie Road, Guildford, NSW 2161 have submitted a limited notification statement in support of their application for an assessment certificate for Synative ES 3345. The notified polymer is intended to be used as a synthetic lubricant. Up to 20 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided, the notified polymer is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Avoid contact with eyes and skin.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the polymer has changed from a synthetic lubricant, or is likely to change significantly;
 - the amount of polymer being introduced has increased from 20 tonnes, or is likely to increase, significantly;
 - the polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of the notified chemical provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

7 PUBLICATION SUMMARY REPORT

1,3- Butanediol, 3-methyl-(Isoprene Glycol) Summary Report Reference No: STD/1352

Unilever Australia Ltd (ABN 66 004 050 828) of 20 Cambridge St, Epping NSW 2121 has submitted a standard notification statement in support of their application for an assessment certificate for 1,3-Butanediol, 3-methyl- (Isoprene Glycol). The notified chemical is intended to be used as a cosmetic ingredient at <10% concentration. Up to 5 tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

In addition, the notified chemical is not classified using the Globally Harmonised System for the Classification and Labelling of Chemicals (GHS) (United Nations, 2003).

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner at concentrations of up to 10% in cosmetics/cosmetic products, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from component of cosmetic products, or is likely to change significantly;
 - the notified chemical is intended for use in cosmetic products at >10% concentration;
 - if the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of the notified chemical and products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

8 PUBLICATION SUMMARY REPORT

Makrolon 2600 Summary Report Reference No: PLC/906

Bayer Material Science Pty Ltd (ABN 18 086 237 765) of 17-19 Wangara Road, Cheltenham, VIC 3192 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Makrolon 2600. The notified polymer is intended to be used as thermoplastic for moulding of high compression parts for general machinery and automobiles. Up to 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the polymer under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified polymer is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a thermoplastic for moulding of high compression parts for general machinery and automobiles, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

9 PUBLICATION SUMMARY REPORT

Polymer in Spectrasyn Elite 150 Summary Report Reference No: PLC/910

Mobil Oil Australia Pty Ltd (ABN 88 004 052 984) of 12 Riverside Quay, Southbank VIC 3006 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in SpectraSyn Elite 150. The notified polymer is intended to be used as a lubricant. Up to 500,000 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the polymer under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified polymer is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a lubricant, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of a product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

10 PUBLICATION SUMMARY REPORT

Polymer in CPS High Opacity Tint Summary Report Reference No: PLC/912

The Valspar (Australia) Corporation Pty Ltd (ABN 82 000 039 396) of 203 Power Street, Glendenning NSW 2761 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in CPS High Opacity Tint. The notified polymer is intended to be used as a component of automotive paints. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

- Spray application should be carried out in accordance with the Safe Work Australia *National Guidance Material for Spray Painting* [NOHSC (1999)].

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the polymer under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified polymer is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of automotive paint products, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

11 PUBLICATION SUMMARY REPORT

Polymer in HP Large Format Commercial & Industrial Printer Black Ink Summary Report Reference No: PLC/913

Hewlett-Packard Australia Pty Ltd (ABN 74 004 394 763) of 353 Burwood Highway, Forest Hill VIC 3131 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in HP Large Format Commercial & Industrial Printer Black Ink. The notified polymer is intended to be used as a component of ink toner cartridges. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the polymer under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified polymer is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria;
 - the notified polymer is introduced in powder form;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of inkjet ink cartridges or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

Material Safety Data Sheet

The MSDS of a product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

12 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for inspection at our NICNAS office by appointment only at 334-336 Illawarra Road, Marrickville NSW 2204.

Reports can also be viewed and downloaded free of charge from our website at <http://www.nicnas.gov.au/>. Copies of these reports may also be requested, free of charge, by contacting the Administration Section of NICNAS by phone: (02) 8577 8870 or fax: (02) 8577 8888.

13 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 1 were issued to import or manufacture the following chemicals prior to the issue of their respective assessment certificates under section 30A of the Act.

Table 1

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
672	International Sales & Marketing Pty Ltd	Humic acid, sulfomethylated, potassium salts	Fertiliser
673	DuPont (Australia) Ltd	Polymer in RC-73002	Component of automobile refinish paints
674	Mitsubishi Australia	G-Polymer	Mortar premix
675	Reschem Technologies Pty Ltd	Polymer in NeoCryl B-814	Flexographic printing inks and varnishes
676	Kao (Australia) Marketing Pty Ltd	Polymer in Kao Laundry Detergent A	Component of laundry liquid
677	Toyota Tsusho (Australasia) Pty Ltd	A-P2140	Component of diesel fuel
678	IMCD Australia Limited	URACROSS XP755	Powder coating

14 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 2 were issued to import or manufacture the following chemicals under section 21U of the *Industrial Chemicals (Notification and Assessment) Act 1989*. Low Volume Category Permits are approved for 36 months.

Table 2
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE
871 (Renewal)	Givaudan Australia Pty Ltd	2153	Florymoss	Yes	Fragrance ingredient
872 (Renewal)	La Bioestetique Australia Pty Ltd	2018	Polyquaternium-59	Yes	Component of hair care products
873	Canon Australia Pty Ltd	2113	Chemical in Canon Yellow Ink Tank for Ink Jet Printer	ND	Component of inkjet printers
874 (Renewal)	Givaudan Australia Pty Limited	2153	Cyclohexanol, 3-(1,1-dimethylethyl)-, 1-acetate	Yes	Aroma chemical
875	Afton Chemical Asia Pacific LLC	2060	Chemical in X-15742	Yes	Lubricant additive

15 NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES

Notice is given in accordance with section 14(1) of the *Industrial Chemicals (Notification and Assessment) Act 1989*, that the following chemicals have been added to the Australian Inventory of Chemical Substances.

Table 3

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
2-Propenoic acid, 2-methyl-, butyl ester, polymer with ethenylbenzene, 2-ethylhexyl 2-propenoate, 2-hydroxyethyl 2-propenoate and 2-propenoic acid.	$(C_{11}H_{20}O_2.C_8H_{14}O_2.C_8H_8.C_5H_8O_3.C_3H_4O_2)_x$	63076-05-1
2-Propenoic acid, 2-methyl-, polymers with Et acrylate, Me methacrylate and polyethylene glycol methacrylate C16-18-alkyl ethers	Unspecified	400625-30-1
Castor oil, polymer with benzoic acid, bisphenol A, epichlorohydrin, isophthalic acid, pentaerythritol, phosphoric acid, phthalic anhydride and trimethylolpropane	Unspecified	700364-47-2
Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 1,4-butanediol, diethyl carbonate, 1,3-dioxolan-2-one, 1,2-ethanediamine, 1,6-hexanediol and 1,1' - methylenebis[4-isocyanatocyclohexane], compd. with N,N-diethylethanamine	$(C_{15}H_{22}N_2O_2).(C_6H_{14}O_2).(C_5H_{10}O_4).(C_5H_{10}O_3).(C_4H_{10}O_2).(C_3H_4O_3).(C_2H_8N_2)]_x.xC_6H_{15}N$	775303-25-8
Aluminium cesium fluoride	Al.Cs.F	138577-01-2
2-Propenoic acid, 2-hydroxyethyl ester, polymer with (chloromethyl)oxirane, 1,3-isobenzofurandione, 4,4'-(1-methylethylidene)bis[phenol] and 2-oxepanone	$(C_{15}H_{16}O_2.C_8H_4O_3.C_6H_{10}O_2.C_5H_8O_3.C_3H_5ClO)_x$	153128-88-2
2-Propenoic acid, 2-methyl-, polymer with ethenylbenzene, ethyl 2-propenoate, 2-hydroxyethyl 2-propenoate, N,N'-methylenebis[2-propenamide] and methyl 2-methyl-2-propenoate	Unspecified	1207739-48-7
D-Glucitol, 1-deoxy-1-(methylamino)-, polymer with 4-ethenylphenol and formaldehyde	$(C_{10}H_8O.C_7H_{17}.CH_2O)_x$	162006-87-3

16 NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATES

Notice is given in accordance with section 13B of the *Industrial Chemicals (Notification and Assessment) Act 1989*, that the following chemicals have been added to the Australian Inventory of Chemical Substances.

Table 4

Chemicals Eligible for Immediate Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Tetradecene, polymer with 1-decene and 1-hexene, hydrogenated	Unspecified	895164-30-4
2-Propenoic acid, 2-methyl-, butyl ester, polymers with 2-hydroxymethylethyl-terminated hydrogenated polybutadiene methacrylate, lauryl methacrylate, Me methacrylate, myristyl methacrylate and styrene	Unspecified	1181252-79-8