

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** DEVCON® R-Flex® II Resin

**Other means of identification**

**SKU#** 0339B

**Recommended use** Not available.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Company name** ITW Performance Polymers

**Address** 35 Brownridge Rd  
Unit 1  
Halton Hills, ON L7G 0C6

**Contact person** Customer Service

**Telephone number** 978-777-1100

**Fax**

**E-mail**

**Emergency telephone number** 800-424-9300

**Supplier** Not available.

## 2. Hazard identification

**Physical hazards** Not classified.

|                       |  |   |
|-----------------------|--|---|
| <b>Health hazards</b> | Skin corrosion/irritation                                | Category 2                              |
|                       | Serious eye damage/eye irritation                        | Category 2                              |
|                       | Sensitization, respiratory                               | Category 1                              |
|                       | Sensitization, skin                                      | Category 1                              |
|                       | Carcinogenicity  | Category 2                              |
|                       | Reproductive toxicity                                    | Category 2                              |
|                       | Specific target organ toxicity following single exposure | Category 3 respiratory tract irritation |

|                              |  |            |
|------------------------------|--|------------|
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard | Category 2 |
|------------------------------|--|------------|

**Label elements**



**Signal word** Danger

**Hazard statement** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Toxic to aquatic life.

**Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapours. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

|                                 |  |
|---------------------------------|--|
| <b>Response</b>                 | IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTRE/doctor. Take off contaminated clothing and wash it before reuse. |
| <b>Storage</b>                  | Store in a well-ventilated place. Keep container tightly closed. Store locked up.  |
| <b>Disposal</b>                 | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| <b>Supplemental information</b> | None.  |
| <b>Other hazards</b>            | None known.  |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name   | Common name and synonyms | CAS number | %         |
|---|--------------------------|------------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate |                          | 4098-71-9  | 20 - < 30 |
| Polytetramethylene Ether Glycol                         |                          | 25190-06-1 | 10 - < 20 |
| Methyl Ethyl Ketone (MEK)                               |                          | 78-93-3    | 5 - < 10  |
| Polypropylene Glycols                                   |                          | 25322-69-4 | 5 - < 10  |
| 4,4'-methylenediphenyl diisocyanate                     |                          | 101-68-8   | < 1       |
| Other components below reportable levels                |                          |            | 40 - < 50 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: call a poison centre or doctor / physician. |
| <b>Skin contact</b>   | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.  |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Coughing. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.   |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.   |

### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Foam. Powder. Carbon dioxide (CO <sub>2</sub> ).  |
| <b>Unsuitable extinguishing media</b>                                | Water. Do not use water jet as an extinguisher, as this will spread the fire.                 |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

### Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values (TLV)

| Components  | Type | Value     |
|---|------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | TWA  | 0.005 ppm |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | TWA  | 0.005 ppm |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL | 300 ppm   |
|   | TWA  | 200 ppm   |

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

| Components  | Type | Value      |
|---|------|------------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | TWA  | 0.05 mg/m3 |
|   |      | 0.005 ppm  |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | TWA  | 0.05 mg/m3 |
|   |      | 0.005 ppm  |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL | 885 mg/m3  |
|   |      | 300 ppm    |
|   | TWA  | 590 mg/m3  |
|   |      | 200 ppm    |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components  | Type    | Value     |
|---|---------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | Ceiling | 0.01 ppm  |
|   | TWA     | 0.005 ppm |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | Ceiling | 0.01 ppm  |
|   | TWA     | 0.005 ppm |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL    | 100 ppm   |
|   | TWA     | 50 ppm    |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended**

| Components  | Type | Value     |
|---|------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | TWA  | 0.005 ppm |
|   |      |           |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | TWA  | 0.005 ppm |
|   |      |           |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL | 300 ppm   |
|   | TWA  | 200 ppm   |

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

| Components  | Type | Value       |
|---|------|-------------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | TWA  | 0.045 mg/m3 |
|   |      | 0.005 ppm   |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | TWA  | 0.051 mg/m3 |
|   |      | 0.005 ppm   |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL | 885 mg/m3   |
|   |      | 300 ppm     |
|   | TWA  | 590 mg/m3   |
|   |      | 200 ppm     |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended**

| Components  | Type    | Value     |
|---|---------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | Ceiling | 0.02 ppm  |
|   | TWA     | 0.005 ppm |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | Ceiling | 0.02 ppm  |
|   | TWA     | 0.005 ppm |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL    | 300 ppm   |
|   | TWA     | 200 ppm   |

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended**

| Components  | Type | Value                   |
|---|------|-------------------------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | TWA  | 0.045 mg/m <sup>3</sup> |
|   |      | 0.005 ppm               |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | TWA  | 0.051 mg/m <sup>3</sup> |
|   |      | 0.005 ppm               |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | STEL | 300 mg/m <sup>3</sup>   |
|   | TWA  | 100 ppm                 |
|   |      | 150 mg/m <sup>3</sup>   |
|   |      | 50 ppm                  |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended**

| Components  | Type      | Value     |
|---|-----------|-----------|
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | 15 minute | 0.015 ppm |
|   | 8 hour    | 0.005 ppm |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | 15 minute | 0.015 ppm |
|   | 8 hour    | 0.005 ppm |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 | 15 minute | 300 ppm   |
|   | 8 hour    | 200 ppm   |

**Biological limit values**
**ACGIH Biological Exposure Indices (BEI)**

| Components                              | Value  | Determinant | Specimen | Sampling Time |
|---|--------|-------------|----------|---------------|
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3) | 2 mg/l | MEK         | Urine    | *             |

\* - For sampling details, please see the source document.

**Appropriate engineering controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. General ventilation normally adequate. Provide eyewash station and safety shower.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Chemical respirator with organic vapour cartridge and full facepiece.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Chemical respirator with organic vapour cartridge and full facepiece.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**9. Physical and chemical properties**

|                       |         |
|-----------------------|---------|
| <b>Appearance</b>     | Liquid. |
| <b>Physical state</b> | Liquid. |
| <b>Form</b>           | Liquid. |

|   |                                     |
|---|-------------------------------------|
| <b>Colour</b>                                       | Clear colorless or nearly colorless |
| <b>Odour</b>  | Slight.                             |
| <b>Odour threshold</b>                              | Not available.                      |
| <b>pH</b>   | 7 @ 5% solution                     |
| <b>Melting point/freezing point</b>                 | -86.64 °C (-123.95 °F) estimated    |
| <b>Initial boiling point and boiling range</b>      | 79.59 °C (175.26 °F) estimated      |
| <b>Flash point</b>                                  | 204.4 °C (399.9 °F) Closed cup      |
| <b>Evaporation rate</b>                             | Not available.                      |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                     |
| <b>Upper/lower flammability or explosive limits</b> |                                     |
| <b>Explosive limit - lower ( %)</b>                 | 1.8 % estimated                     |
| <b>Explosive limit – upper (%)</b>                  | 11.4 % estimated                    |
| <b>Vapour pressure</b>                              | 16.94 hPa estimated                 |
| <b>Vapour density</b>                               | Not available.                      |
| <b>Relative density</b>                             | Not available.                      |
| <b>Solubility(ies)</b>                              |                                     |
| <b>Solubility (water)</b>                           | Not available.                      |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                      |
| <b>Auto-ignition temperature</b>                    | 505 °C (941 °F) estimated           |
| <b>Decomposition temperature</b>                    | Not available.                      |
| <b>Viscosity</b>                                    | Not available.                      |
| <b>Other information</b>                            |                                     |
| <b>Density</b>                                      | 1.00 g/cm3 estimated                |
| <b>Explosive properties</b>                         | Not explosive.                      |
| <b>Flammability class</b>                           | Combustible IIIB estimated          |
| <b>Oxidising properties</b>                         | Not oxidising.                      |
| <b>Specific gravity</b>                             | 1 estimated                         |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.  |
| <b>Incompatible materials</b>             | Strong oxidising agents. Alcohols. Amides. Amines. Ammonia. Caustics. Isocyanates. Phenols.   |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes skin irritation. May cause an allergic skin reaction.  |
| <b>Eye contact</b>  | Causes serious eye irritation.  |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.  |

|   |  |
|---|--|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Coughing. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. |
|---|--|

### Information on toxicological effects

|   |  |                   |
|---|--|-------------------|
| Acute toxicity  | Not known.   |                   |
| Components  | Species  | Test Results      |
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) |  |                   |
| Acute   |  |                   |
| Dermal  |  |                   |
| LD50  | Rat  | 1060 mg/kg        |
| Oral  |  |                   |
| LD50  | Rat  | > 1000 mg/kg      |
| Methyl Ethyl Ketone (MEK) (CAS 78-93-3)                                 |  |                   |
| Acute   |  |                   |
| Dermal  |  |                   |
| LD50  | Rabbit   | > 8000 mg/kg      |
| Oral  |  |                   |
| LD50  | Rat  | 2300 - 3500 mg/kg |
| Skin corrosion/irritation   | Causes skin irritation.  |                   |
| Serious eye damage/eye irritation                                       | Causes serious eye irritation.   |                   |
| Respiratory or skin sensitisation                                       |  |                   |
| Canada - Quebec OELs: Sensitizer  |  |                   |
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS 4098-71-9) | Sensitiser.  |                   |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | Sensitiser.  |                   |
| Respiratory sensitisation   | May cause allergy or asthma symptoms or breathing difficulties if inhaled.                                       |                   |
| Skin sensitisation  | May cause an allergic skin reaction.   |                   |
| Germ cell mutagenicity  | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                   |
| Carcinogenicity   | Suspected of causing cancer.   |                   |
| IARC Monographs. Overall Evaluation of Carcinogenicity                  |  |                   |
| 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8)                      | 3 Not classifiable as to carcinogenicity to humans.  |                   |
| Reproductive toxicity   | Suspected of damaging fertility or the unborn child.   |                   |
| Specific target organ toxicity - single exposure                        | May cause respiratory irritation.  |                   |
| Specific target organ toxicity - repeated exposure                      | Not classified.  |                   |
| Aspiration hazard   | Not an aspiration hazard.  |                   |
| Chronic effects   | Prolonged inhalation may be harmful.   |                   |

## 12. Ecological information

|  |   |  |
|--|---|--|
| <b>Ecotoxicity</b>                                       | Toxic to aquatic life.  |  |
| <b>Persistence and degradability</b>                     | No data is available on the degradability of any ingredients in the mixture.  |  |
| <b>Bioaccumulative potential</b>                         |   |  |
| <b>Partition coefficient n-octanol / water (log Kow)</b> |   |  |
| 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate  | 4.75  |  |
| 4,4'-methylenediphenyl diisocyanate                      | 5.22  |  |
| Methyl Ethyl Ketone (MEK)                                | 0.29  |  |
| <b>Mobility in soil</b>                                  | No data available.  |  |
| <b>Other adverse effects</b>                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |  |

## 13. Disposal considerations

|                              |  |
|------------------------------|--|
| <b>Disposal instructions</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------------------------------|--|

|  |  |
|--|--|
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | D001: Waste Flammable material with a flash point <140 F<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                       |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.       |

## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Methyl Ethyl Ketone (MEK) (CAS 78-93-3) Class B

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto Protocol

Not applicable.

#### Montreal Protocol

Not applicable.

#### Basel Convention

Not applicable.

### International Inventories

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Industrial Chemicals (AICIS)                   | Yes                    |
| Canada               | Domestic Substances List (DSL)   | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand          | New Zealand Inventory  | Yes                    |



| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                        | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                     | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

|                      |   |
|----------------------|---|
| <b>Issue date</b>    | 22-May-2019   |
| <b>Revision date</b> | 01-August-2023  |
| <b>Version No.</b>   | 09  |
| <b>Disclaimer</b>    | ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. |