SAFETY DATA SHEET

1. Identification

| 1. Identification | | | |
|---|---|------------------------------|---|
| Product identifier | DEVCON® Epoxy Concre | ete Sealer Resin | |
| Other means of identification | | | |
| SKU# | 0711 | | |
| Recommended use | Not available. | | |
| Recommended restrictions | None known. | | |
| Manufacturer/Importer/Supplier | Distributor information | | |
| Manufacturer | | | |
| Company name | ITW Performance Polymer | ſS | |
| Address | 30 Endicott Street Danvers, MA 01923 | | |
| | United States | | |
| Telephone | Customer Service | 978-777-1100 | |
| Website | www.itwperformancepolym | iers.com | |
| E-mail | Not available. | | |
| Contact person | EHS Department | | |
| Emergency phone number | Chemtrec International | 800-424-9300 703-527-3887 | |
| | | 100 021-0001 | |
| 2. Hazard(s) identification | 1 | | |
| Physical hazards | Not classified. | | |
| Health hazards | Skin corrosion/irritation | | Category 2 |
| | Serious eye damage/eye i | rritation | Category 2A |
| | Sensitization, skin | | Category 1 |
| Environmental hazards | Not classified. | | |
| OSHA defined hazards | Not classified. | | |
| Label elements | | | |
| | $\mathbf{\wedge}$ | | |
| | | | |
| | · · | | |
| Cianal word | Warping | | |
| Signal word | Warning | aquaa an allaraia | akin reaction. Causes serious ave irritation |
| Hazard statement | Gauses skin initation. May | cause an allergic | skin reaction. Causes serious eye irritation. |
| Precautionary statement | Week therewakly after the | dling Contamirate | ad work alathing must not be allowed and of the |
| Prevention | | | ed work clothing must not be allowed out of the on. Wear protective gloves. |
| Response | If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash | | |
| | | e/attention. If eye ir | rritation persists: Get medical advice/attention. Take |
| Storage | Store away from incompatible materials. | | |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. | | |
| Hazard(s) not otherwise classified (HNOC) | None known. | | |
| | | | |

3. Composition/information on ingredients

Mixtures

Supplemental information

None.

| Chemical name | Common name and synonyms | CAS number | % |
|--|---|--|--|
| Epoxy Resin:reaction Product Bisphenol A And Epichlorohydri (refer To Epichlorohydrin) | | 25068-38-6 | 40 - 60 |
| Nepheline And Nepheline Syen | te | 37244-96-5 | 20 - 40 |
| Other components below report | able levels | | 10 - 20 |
| 4. First-aid measures | | | |
| Inhalation | Move to fresh air. Call a physician if symptom | is develop or persist. | |
| Skin contact | Remove contaminated clothing immediately a eczema or other skin disorders: Seek medica contaminated clothing before reuse. | | |
| Eye contact | 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. | | |
| Ingestion | Rinse mouth. Get medical attention if sympton | | |
| Most important symptoms/effects, acute and delayed | Severe eye irritation. Symptoms may include vision. Skin irritation. May cause redness and Rash. | | |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and tre Symptoms may be delayed. | at symptomatically. Keep victi | m under observation. |
| General information | Ensure that medical personnel are aware of the protect themselves. Wash contaminated clother | | ake precautions to |
| 5. Fire-fighting measures | | | |
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carb | oon dioxide (CO2). | |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as th | is will spread the fire. | |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be | e formed. | |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full p | rotective clothing must be wor | n in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do s | | |
| Specific methods | Use standard firefighting procedures and con | sider the hazards of other invo | olved materials. |
| General fire hazards | No unusual fire or explosion hazards noted. | | |
| 6. Accidental release meas | sures | | |
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep per appropriate protective equipment and clothing not touch damaged containers or spilled mate Ensure adequate ventilation. Local authorities contained. For personal protection, see section | g during clean-up. Avoid breat erial unless wearing appropria s should be advised if significa | hing mist/vapors. Do te protective clothing. |
| Methods and materials for containment and cleaning up | Large Spills: Stop the flow of material, if this is possible. Absorb in vermiculite, dry sand or ex recovery, flush area with water. | | |
| | Small Spills: Wipe up with absorbent material remove residual contamination. | l (e.g. cloth, fleece). Clean sur | face thoroughly to |
| Environmental precautions | Never return spills to original containers for re Avoid discharge into drains, water courses or | • | e section 13 of the SDS. |
| 7. Handling and storage | | | |
| Precautions for safe handling | Avoid breathing mist/vapors. Avoid contact wi exposure. Provide adequate ventilation. Wea good industrial hygiene practices. | | |
| Conditions for safe storage, including any incompatibilities | Store in tightly closed container. Store away f SDS). | rom incompatible materials (s | ee Section 10 of the |

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| Biological limit values | No biological exposure limits noted for the ingredient(s). | | |
|---|--|--|--|
| 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. Provide eyewash station and safety shower. | | |
| Individual protection measures | s, such as personal protective equipment | | |
| Eye/face protection | Wear safety glasses with side shields (or goggles). Face shield is recommended. | | |
| Skin protection Hand protection | Wear appropriate chemical resistant gloves. | | |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. | | |
| Respiratory protection Thermal hazards | In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary. | | |
| General hygiene considerations | 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

| 9. Physical and chemical | properties |
|--|-------------------------------|
| Appearance | Viscous. Liquid. |
| Physical state | Liquid. |
| Form | Viscous. Liquid. |
| Color | Light brown. |
| Odor | Slight. |
| Odor threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling | 608 °F (320 °C) estimated |
| range | |
| Flash point | 265.0 °F (129.4 °C) estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or exp | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 0.001 hPa estimated |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |

| Other information | |
|----------------------|----------------------------|
| Density | 1.17 g/cm3 estimated |
| Explosive properties | Not explosive. |
| Flammability class | Combustible IIIB estimated |
| Oxidizing properties | Not oxidizing. |
| Specific gravity | 1.17 estimated |
| VOC | 0 g/l |
| | |

| 10. Stability and reactivity | | |
|-------------------------------------|---|--|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. | |
| Chemical stability | Material is stable under normal conditions. | |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. | |
| Conditions to avoid | Contact with incompatible materials. | |
| Incompatible materials | Strong oxidizing agents. | |
| Hazardous decomposition products | No hazardous decomposition products are known. | |

11. Toxicological information

| Information on likely routes of e | exposure | | |
|--|---|--|--|
| Inhalation | Prolonged inhalation may be harmful. | | |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. | | |
| Eye contact | Causes serious eye irritation. | | |
| Ingestion | Knowledge about health hazard is incomplete. | | |
| Symptoms related to the physical, chemical and toxicological characteristics | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. | | |
| Information on toxicological eff | iects | | |
| Acute toxicity | Not known. | | |
| Skin corrosion/irritation | Causes skin irritation. | | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | | |
| Respiratory or skin sensitizatio | n | | |
| Respiratory sensitization | Due to partial or complete lack of data the classification is not possible. | | |
| Skin sensitization | May cause an allergic skin reaction. | | |
| Germ cell mutagenicity | Due to partial or complete lack of data the classification is not possible. | | |
| Carcinogenicity | Due to partial or complete lack of data the classification is not possible. | | |
| IARC Monographs. Overall | Evaluation of Carcinogenicity | | |
| Not listed. OSHA Specifically Regulate Not listed. | ed Substances (29 CFR 1910.1001-1053) | | |
| | ogram (NTP) Report on Carcinogens | | |
| Reproductive toxicity | Due to partial or complete lack of data the classification is not possible. | | |
| Specific target organ toxicity - single exposure | Due to partial or complete lack of data the classification is not possible. | | |
| Specific target organ toxicity - repeated exposure | Due to partial or complete lack of data the classification is not possible. | | |
| Aspiration hazard | Due to partial or complete lack of data the classification is not possible. | | |
| Chronic effects | Prolonged inhalation may be harmful. | | |
| 12. Ecological informatio | n | | |
| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the | | |

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Persistence and degradability Bioaccumulative potential | No data is available on the degradability of any ingredients in the mixture. | |
|--|--|--|
| Mobility in soil | No data available. | |
| Other adverse effects | 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 consideratio | ns | |
| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. | |
| Local disposal regulations | Dispose in accordance with all applicable regulations. | |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. | |
| Waste from residues / unused products | 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). | |
| Contaminated packaging | 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

DOT

Not regulated as dangerous goods.

ΙΑΤΑ Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

the IBC Code

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes chemical

> **Classified hazard** Skin corrosion or irritation Serious eye damage or eye irritation categories Respiratory or skin sensitization

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

US state regulations

(SDWA)

California Proposition 65



WARNING: This product can expose you to chemicals including Quartz, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

| Ethyl Acrylate (CAS 140-88-5) | Listed: July 1, 1989 |
|-------------------------------|-------------------------|
| Quartz (CAS 14808-60-7) | Listed: October 1, 1988 |

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| 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) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| 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, including date of preparation or last revision | | |
|---|---|--|
| Issue date | 05-29-2019 | |
| Revision date | 04-29-2020 | |
| Version # | 02 | |
| HMIS® ratings | Health: 2 Flammability: 1 Physical hazard: 0 | |
| NFPA ratings | Health: 2 Flammability: 1 Instability: 0 | |
| Disclaimer | 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. | |
| Revision information | This document has undergone significant changes and should be reviewed in its entirety. | |

SAFETY DATA SHEET

1. Identification

| Product identifier | DEVCON® Epoxy Concret | e Sealer Hardene | r |
|--|---|------------------|---|
| Other means of identification | | | |
| SKU# | 5380 | | |
| Recommended use | Not available. | | |
| Recommended restrictions | None known. | | |
| Manufacturer/Importer/Supplier | r/Distributor information | | |
| Manufacturer | | | |
| Company name Address | ITW Performance Polymers 30 Endicott Street Danvers, MA 01923 United States | | |
| Telephone | Customer Service | 978-777-1100 | |
| Website | www.itwperformancepolyme | ers.com | |
| E-mail Contact person | Not available. EHS Department | | |
| Emergency phone number | Chemtrec | 800-424-9300 | |
| hiere humber | International | 703-527-3887 | |
| 2. Hazard(s) identification | 1 | | |
| Physical hazards | Not classified. | | |
| Health hazards | Acute toxicity, oral | | Category 4 |
| nealth hazarus | • | | |
| | Acute toxicity, dermal | | Category 4 |
| | Skin corrosion/irritation | · · · · · | Category 2 |
| | Serious eye damage/eye irr | itation | Category 1 |
| | Sensitization, skin | | Category 1 |
| Environmental hazards | Not classified. | | |
| OSHA defined hazards | Not classified. | | |
| Label elements | | | |
| Signal word | Danger | | |
| Hazard statement | Harmful if swallowed. Harmi skin reaction. Causes seriou | | skin. Causes skin irritation. May cause an allergic |
| Precautionary statement | | | |
| Prevention | Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. | | |
| Response | If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. | | |
| Storage | Store away from incompatible materials. | | |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. | | |
| Hazard(s) not otherwise classified (HNOC) | None known. | | |
| Cumplemental information | N I a va a | | |

None.

Supplemental information

3. Composition/information on ingredients

| Mixtures | | | |
|--|--------------------------|-------------|----------|
| Chemical name | Common name and synonyms | CAS number | % |
| Benzyl Alcohol | | 100-51-6 | 40 - 60 |
| Formaldehyde, Polymer With Benzenamine, Hydrogenated | | 135108-88-2 | 40 - 60 |
| 2,4,6-tris-(dimethylaminomethyl)-ph enol | | 90-72-2 | 2.5 - 10 |
| Other components below reportable | e levels | | 2.5 - 10 |

4. First-aid measures Inhalation Move to fresh air. Call a physician if symptoms develop or persist. Remove contaminated clothing immediately and wash skin with soap and water. Get medical Skin contact advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. Eve contact 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 immediately. Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Ingestion Get medical advice/attention if you feel unwell. Most important Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness symptoms/effects, acute and and pain. May cause an allergic skin reaction. Dermatitis. Rash. delayed Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim Indication of immediate medical attention and special under observation. Symptoms may be delayed. treatment needed General information 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 | |
|---|---|
| Suitable extinguishing media | Foam. Powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | 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/vapors. 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 | 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. |
| Environmental precautions | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. |

| 7. Handling and storage | | | |
|---|---|---|--|
| Precautions for safe handling | Do not get this material in contact with eyes. Do not taste or swallow. Avoid breathing mist/vapors Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). | | |
| Conditions for safe storage, including any incompatibilities | | | |
| 8. Exposure controls/pers | sonal protection | | |
| | e the only constituents of the product w uents have no known exposure limits. | hich have a PEL, TLV or other recommended exposure limit. | |
| US. Workplace Environmer Components | ntal Exposure Level (WEEL) Guides Type | Value | |
| Benzyl Alcohol (CAS 100-51-6) | TWA | 44.2 mg/m3 | |
| | | 10 ppm | |
| Biological limit values | No biological exposure limits noted for | or the ingredient(s). | |
| 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. Provide eyewash station and safety shower. | | |
| Individual protection measures | , such as personal protective equipn | nent | |
| Eye/face protection | Wear safety glasses with side shields (or goggles) and a face shield. Face shield is recommended. | | |
| Skin protection | | | |
| Hand protection | Wear appropriate chemical resistant | Wear appropriate chemical resistant gloves. | |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. | | |
| Respiratory protection | In case of insufficient ventilation, we | In case of insufficient ventilation, wear suitable respiratory equipment. | |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. | | |
| General hygiene considerations | Keep away from food and drink. 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. | | |

| o. I nyoloar ana onennoar | properties |
|---|--------------------------------|
| Appearance | Liquid. |
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Light yellow. |
| Odor | Amine |
| Odor threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | 4.64 °F (-15.2 °C) estimated |
| Initial boiling point and boiling range | 401.54 °F (205.3 °C) estimated |
| Flash point | 219.2 °F (104.0 °C) estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or exp | plosive limits |
| Flammability limit - lower (%) | Not available. |

| Flammability limit - upper (%) | Not available. |
|--|-----------------------------|
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 0.1 hPa estimated |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 816.8 °F (436 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 1.06 g/cm3 estimated |
| Explosive properties | Not explosive. |
| Flammability class | Combustible IIIB estimated |
| Oxidizing properties | Not oxidizing. |
| Specific gravity | 1.06 estimated |
| VOC | 100 % Solids |

10. Stability and reactivity

| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
|---------------------------------------|---|
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

| Information on likely routes of exposure | | | |
|--|--|--|--|
| Inhalation | Prolonged inhalation may be harmful. | | |
| Skin contact | Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. | | |
| Eye contact | Causes serious eye damage. | | |
| Ingestion | Harmful if swallowed. | | |
| Symptoms related to the physical, chemical and toxicological characteristics | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. | | |

Information on toxicological effects

Acute toxicity

Harmful in contact with skin. Harmful if swallowed.

| Components | Species | Test Results |
|---------------------------|---------|--------------------|
| Benzyl Alcohol (CAS 100-5 | 1-6) | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 2000 mg/kg |
| Inhalation | | |
| LC50 | Rat | 1000 mg/l, 8 Hours |
| Oral | | |
| LD50 | Rat | 1230 - 3100 mg/kg |
| | | |

| Skin corrosion/irritation | Causes skin irritation. |
|--|--|
| Serious eye damage/eye irritation | Causes serious eye damage. |
| Respiratory or skin sensitization | 1 |
| Respiratory sensitization | Due to partial or complete lack of data the classification is not possible. |
| Skin sensitization | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Due to partial or complete lack of data the classification is not possible. |
| Carcinogenicity | Due to partial or complete lack of data the classification is not possible. |
| IARC Monographs. Overall | Evaluation of Carcinogenicity |
| Not listed. | ogram (NTP) Report on Carcinogens |
| Reproductive toxicity | Due to partial or complete lack of data the classification is not possible. |
| Specific target organ toxicity - | Due to partial or complete lack of data the classification is not possible. |
| single exposure | |
| Specific target organ toxicity - repeated exposure | Due to partial or complete lack of data the classification is not possible. |
| Aspiration hazard | Due to partial or complete lack of data the classification is not possible. |
| Chronic effects | Prolonged inhalation may be harmful. |
| 12. Ecological information | n |
| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and degradability | No data is available on the degradability of any ingredients in the mixture. |
| Bioaccumulative potential | |
| Partition coefficient n-octar Benzyl Alcohol | nol / water (log Kow) 1.1 |
| Mobility in soil | No data available. |
| Other adverse effects | The product contains volatile organic compounds which have a photochemical ozone creation potential. |
| 13. Disposal consideratio | ns |
| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | 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). |
| Contaminated packaging | 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 | |

14. Transport information

DOT

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 CodeNot established.

15. Regulatory information

| 15. Regulatory informatio | Λ | |
|--|---|------------------------|
| US federal regulations | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Standard, 29 CFR 1910.1200. | d Communication |
| Toxic Substances Control A | Act (TSCA) | |
| TSCA Section 12(b) Exp | port Notification (40 CFR 707, Subpt. D) | |
| Not regulated. | | |
| CERCLA Hazardous Substa | nce List (40 CFR 302.4) | |
| Not listed. | | |
| SARA 304 Emergency relea | se notification | |
| Not regulated. OSHA Specifically Regulate | d Substances (29 CFR 1910.1001-1053) | |
| Not listed. | | |
| Superfund Amendments and Re | eauthorization Act of 1986 (SARA) | |
| SARA 302 Extremely hazard | lous substance | |
| Not listed. | | |
| SARA 311/312 Hazardous chemical | Yes | |
| Classified hazard categories | Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization | |
| SARA 313 (TRI reporting) Not regulated. | | |
| Other federal regulations | | |
| - | 112 Hazardous Air Pollutants (HAPs) List | |
| Not regulated. | 112(r) Accidental Release Prevention (40 CFR 68.130) | |
| Not regulated. | | |
| Safe Drinking Water Act (SDWA) | Not regulated. | |
| US state regulations | | |
| California Proposition 65 | | |
| is not known to contain a | Water and Toxic Enforcement Act of 1986 (Proposition 65): This material ny chemicals currently listed as carcinogens or reproductive toxins. For ww.P65Warnings.ca.gov. | |
| International Inventories | | |
| Country(s) or region | Inventory name | On inventory (yes/no)* |
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| | | |

| 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) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | Yes |
| 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, including date of preparation or last revision | |
|---|---|
| Issue date | 05-29-2019 |
| Revision date | 04-29-2020 |
| Version # | 02 |
| HMIS® ratings | Health: 3 Flammability: 1 Physical hazard: 0 |
| NFPA ratings | Health: 3 Flammability: 1 Instability: 0 |
| Disclaimer | 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. |
| Revision information | Composition/information on ingredients: Component information Stability and reactivity: Conditions to avoid Toxicological information: Aspiration hazard Toxicological information: Carcinogenicity Toxicological information: Mutagenicity Toxicological information: Reproductivity Toxicological information: Respiratory sensitization Toxicological information: Skin contact Toxicological information: Skin contact Toxicological information: Specific target organ toxicity - repeated exposure Toxicological information: Specific target organ toxicity - single exposure |