SAFETY DATA SHEET

| 1. Identification | | | |
|-------------------------------|---|--|--|
| Product identifier | DEVCON® Bronze Putty (BR) Resin | | |
| Other means of identification | | | |
| SKU# | 0134 | | |
| Recommended use | Not available. | | |
| Recommended restrictions | None known. | | |
| Manufacturer/Importer/Supplie | r/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. | | |
| Health hazards | Skin corrosion/irritation | Category 2 | |
| | Serious eye damage/eye irritation | Category 2 | |
| | Sensitization, skin | Category 1 | |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 | |
| Label elements | | | |
| | | | |
| Signal word | Warning | | |
| Hazard statement | Causes skin irritation. May cause an allergic s aquatic life. | Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life. | |
| Precautionary statement | | | |
| Prevention | Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear eye protection/face protection. 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 occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. | | |
| Storage | Not available. | | |
| Dianagal | Dispose of contents/container in accordance with local/regional/national/international regulations. | | |
| Disposal | | | |
| Supplemental information | None. | | |

3. Composition/information on ingredients

| Mixtures | | | |
|--|--------------------------|------------|---------|
| Chemical name | Common name and synonyms | CAS number | % |
| Copper | | 7440-50-8 | 30 - 60 |
| Epoxy Resin: reaction product of Bisphenol A and epichlorohydri (refer to epichlorohydrin) | | 25068-38-6 | 10 - 30 |
| Zinc | | 7440-66-6 | 10 - 30 |
| Other components below reportable levels | | | 5 - 10 |

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

| 4. First-aid measures | |
|--|---|
| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | 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. |
| 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 symptoms occur. |
| Most important symptoms/effects, acute and delayed | 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. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |

| 5. Fire-fighting measures | |
|---|---|
| Suitable extinguishing media | Water fog. Foam. Dry chemical 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 | Use water spray to cool unopened containers. |
| 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. 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. Following product recovery, flush area with water. |
| | Small Spills: 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 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

Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin, and clothing. 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 in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

| upational exposure limits | | | |
|--|--|---|---|
| US. ACGIH Threshold Lim | it Values (TLV) | | |
| Components | Туре | Value | Form |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Canada. Alberta OELs (Oc | cupational Health & Safety Code, Sche | dule 1, Table 2), as amende | d |
| Components | Туре | Value | Form |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Canada. British Columbia Safety Regulation 296/97, a | OELs. (Occupational Exposure Limits f as amended) | for Chemical Substances, O | ccupational Health and |
| Components | Туре | Value | Form |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Canada. Manitoba OELs (F | Reg. 217/2006, The Workplace Safety A | nd Health Act), as amended | |
| Components | Туре | Value | Form |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Canada. New Brunswick C Publication (New Brunswic Components | ELs: Threshold Limit Values (TLVs) Ba ck Regulation 91-191) Type | Value | Form |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust. |
| · · · · · · · · · · · · · · · · · · · | | 0.2 mg/m3 | |
| Canada, Ontario OELs, (Co | ontrol of Exposure to Biological or Che | mical Agents), as amended | |
| Components | Туре | Value | Form |
| | | | Dust and mist. |
| - | TWA | 1 mg/m3 | Dust and mist. |
| - | TWA | 1 mg/m3 0.2 mg/m3 | Fume. |
| Copper (CAS 7440-50-8) | | 0.2 mg/m3 | Fume. |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M | TWA inistry of Labor - Regulation respecting Type | 0.2 mg/m3 | Fume. |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components | inistry of Labor - Regulation respecting | 0.2 mg/m3 g occupational health and sa | Fume. afety), as amended |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components | inistry of Labor - Regulation respecting Type | 0.2 mg/m3 g occupational health and sa Value | Fume. afety), as amended Form |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components Copper (CAS 7440-50-8) Canada. Saskatchewan OB | inistry of Labor - Regulation respecting Type | 0.2 mg/m3 g occupational health and sa Value 1 mg/m3 0.2 mg/m3 | Fume. afety), as amended Form Dust and mist. Fume. |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components Copper (CAS 7440-50-8) Canada. Saskatchewan OB Components | inistry of Labor - Regulation respecting Type TWA ELs (Occupational Health and Safety Re Type | 0.2 mg/m3 g occupational health and sa Value 1 mg/m3 0.2 mg/m3 egulations, 1996, Table 21), Value | Fume. afety), as amended Form Dust and mist. Fume. as amended Form |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components Copper (CAS 7440-50-8) Canada. Saskatchewan OB Components | inistry of Labor - Regulation respecting Type TWA ELs (Occupational Health and Safety Re | 0.2 mg/m3 g occupational health and sa Value 1 mg/m3 0.2 mg/m3 egulations, 1996, Table 21), Value 3 mg/m3 | Fume. afety), as amended Form Dust and mist. Fume. as amended |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components Copper (CAS 7440-50-8) Canada. Saskatchewan OE Components Copper (CAS 7440-50-8) | inistry of Labor - Regulation respecting Type TWA ELs (Occupational Health and Safety Re Type 15 minute | 0.2 mg/m3 g occupational health and sa Value 1 mg/m3 0.2 mg/m3 egulations, 1996, Table 21), Value 3 mg/m3 0.6 mg/m3 | Fume. afety), as amended Form Dust and mist. Fume. as amended Form Dust and mist. |
| Copper (CAS 7440-50-8) Canada. Quebec OELs. (M Components Copper (CAS 7440-50-8) Canada. Saskatchewan OB Components | inistry of Labor - Regulation respecting Type TWA ELs (Occupational Health and Safety Re Type | 0.2 mg/m3 g occupational health and sa Value 1 mg/m3 0.2 mg/m3 egulations, 1996, Table 21), Value 3 mg/m3 0.6 mg/m3 | Fume. afety), as amended Form Dust and mist. Fume. as amended Form Dust and mist. Fume. |

Individual protection measures, 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. |
| i nermai nazaros | 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

| Appearance | Paste. |
|--|--|
| Physical state | Solid. |
| Form | Solid. Paste. |
| Colour | Bronze. |
| Odour | Slight. |
| Odour threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 320 °C (608 °F) estimated |
| Flash point | >204.4 °C (>399.9 °F) 129.4 °C (265.0 °F) estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or exp | losive limits |
| Explosive limit - lower (%) | Not available. |
| Explosive limit – upper (%) | Not available. |
| Vapour pressure | Not available. |
| Vapour 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 | 2.60 g/cm3 |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| Specific gravity | 2.6 |
| 10. Stability and reactivity | / |
| Popotivity | The product is stable and pop reactive under permal conditions of use, storage and transport |

| 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 oxidising agents. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

| TT. TOXICOlOgical Informa | | |
|--|---|--|
| Information on likely routes of e | xposure | |
| Inhalation | No adverse effects due to inhalatio | n are expected. |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. | |
| Eye contact | Causes serious eye irritation. | |
| Ingestion | Expected to be a low ingestion hazard. | |
| 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 effe | ects | |
| Acute toxicity | Not known. | |
| Components | Species | Test Results |
| Zinc (CAS 7440-66-6) | | |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | 630 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory or skin sensitisation | 1 | |
| Respiratory sensitisation | Not a respiratory sensitiser. | |
| 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 | Not available. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |
| Specific target organ toxicity - single exposure | Not classified. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration hazard | Not an aspiration hazard. | |
| 12. Ecological information | ı | |
| Ecotoxicity | Toxic to aquatic life. | |
| Persistence and degradability | No data is available on the degrad | ability of any ingredients in the mixture. |
| Bioaccumulative potential | No data available. | |
| Mobility in soil | No data available. | |
| Other adverse effects | | fects (e.g. ozone depletion, photochemical ozone creation bal warming potential) are expected from this component. |
| 13. Disposal consideratio | ns | |
| Disposal instructions | this material to drain into sewers/w | ealed containers at licensed waste disposal site. Do not allow ater supplies. Do not contaminate ponds, waterways or ditches ispose of contents/container in accordance with I regulations. |
| Local disposal regulations | Dispose in accordance with all app | licable regulations. |
| Hazardous waste code | The waste code should be assigne disposal company. | d in discussion between the user, the producer and the waste |
| | disposal company. | |

| Waste from residues / unused products Contaminated packaging | 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). Since emptied containers may retain product residue, follow label warnings even after container is |
|--|--|
| oonanniatoa paonaging | 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.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

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.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

Copper (CAS 7440-50-8) Zinc (CAS 7440-66-6)

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Zinc (CAS 7440-66-6)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|---|------------------------|
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | No |
| 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) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |

Inventory name

Taiwan

Taiwan Chemical Substance Inventory (TCSI) Toxic Substances Control Act (TSCA) Inventory

United States & Puerto Rico

*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 informati | on |
|---------------------|--|
| Issue date | 28-May-2019 |
| Revision date | 26-July-2023 |
| Version No. | 07 |
| 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.

SAFETY DATA SHEET

| Other means of identification SKU# 0200C Recommended use Not available. Recommended restrictions None known. Manufacturor/Importer/Supplie/Distributor information Company name TIV Performance Polymers 36 Brownridge Rd Unit 1 Hatton Hills, ON L/26 0C6 Contact person Customer Service Telephone number 978-777-1100 Fax Fax E-mail Emergency telephone Buoyage telephone number 800-424-9300 number Not available. 2. Hazard identification Serious eye damage/eye irritation Category 4 Scin corrosionritriation Supplier Not classified. Health hazards Acute toxicity, dermal Category 1 Serious eye damage/eye irritation Serious eye damage/eye irritation Category 1 Stin corrosionritritation Category 1 Environmental hazards Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes areious eye damage. Procautionary statement Available diverkipacs/mistivapours/spray. Wash thoroughy after handling. Contaminate work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective glowes/protective clothing. Procautionary statemen | 1. Identification | | |
|---|--------------------------------|---|---|
| Other means of identification SkU# 0200C Recommended use Not available. Recommended restriction None known. Manufacturor/Importar/Supplic/Extributor information Company name Growmended restrictions None known. Address 35 Brownidge Rd Address 35 Brownidge Rd Unit 1 Hatton Hills, ON L7G 0C6 Contact person Customer Service Telephone number 978-777-1100 Fax Emerging telephone Emerging telephone 800-424-9300 number Not available. 2. Hazard identification Category 4 Skin corrosion/irritation Category 4 Skin corrosion/irritation Category 1 Sensitization, skin Category 1 Environmental hazards Not cassified. Label elements Fare Signal word Danger Hazard statement Harrif in contact with skin. Causes skin irritation. May cause an allergic skin reaction, Causes sprotection. Wear protective glowes/protective clohing. Proceutionary statement Fare Response <th>Product identifier</th> <th>Putty Hardener</th> <th></th> | Product identifier | Putty Hardener | |
| Recommended use Not available. Recommended restrictions Note known. Manufacturer/Importer/Supplier/Distributor Information Company name 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 Emergency telephone Benergency telephone 800-424-9300 Supplier Not classified. Supplier Not classified. Supplier Not classified. Ket to xicity, dermal Category 4 Skin corrosion/initation Category 1 Serious eye damageleye irritation Category 1 Serious eye damageleye irritation Category 1 Sthor corrosion/initation Category 1 Environmental hazards Not classified. Label elements Fare Frecautionary statement Barger Hazard statement Farmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement For Seit.W. Wash with pheny of water. Ir Martiny in | Other means of identification | - | |
| Recommended restrictions None known. Manufacturer/Importer/Supplier/Distributor Informance Polymers Address 35 Brownidge Rd Unit 1 Hatton Hills, ON L7G 0C6 Contact person Customer Service Telephone number 978-777-1100 Fax E-mail Emergency telephone 800-424-9300 number Supplier Not available. 2. Hazard identification Physical hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 1 Sensity 2. Service, Skin Category 1 Sensity 2. Service Skin Service Skin Featton, Skin Category 1 Sensity 2. Service Skin Service Skin Featton, Skin Scin Service Skin Featton, Skin Scin Service Skin Featton, Skin Scin Service Skin Servi | SKU# | 0200C | |
| Manufacturer/Importer/Supplier/Distributor Information Company name ITW Performance Polymers Address 35 Brownridge Rd Unit 1 Hatton Hills, ON L7G 0C6 Contact person Customer Service 978-777-100 Fax E-mail Emergency telephone 800-424-9300 number E-mail Emergency telephone 800-424-9300 Not available. 2. Jazzard identification Vot available. 2. Hazards Acute toxicity, dermal Category 1 Skin corrosion/irritation Category 1 Service, skin Category 1 Environmental hazards Not classified. Label elements Signal word Precautionary statement Prevention Avoid breathing dust/fume/gas/mist/vapours/spray. Wash throughly after handling. Contaminated work clothing should not be allowed out of the workplace. Waser sep protection/face pretection. Waser protective gloves/protective clothing. For Skin: Wash it before reuse. Storage Not available. Prevention Avoid breathing dust/fume/gas/mist/vapours/spray. Wash throughly after handling. Contaminated work clothing should not be allowed out of the workplace. Waser sep protection/face protection. Waser protective gloves/protective clothing. For Skin: Wash throughly after handling. Contaminated work clothing should not be allowed out of the workplace. Waser sep protection/face protection. Waser protective gloves/protective clothing. For Skin: Wash with plany of wash it before reuse. Storage Not available. Dispose of contents/container in accordance with local/regional/inational/international regulations. Supplemental information None. | Recommended use | Not available. | |
| 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 | Recommended restrictions | None known. | |
| Address 35 Brownridge Rd Unit 1 Halton Hills, ON L7G 0C6 Contact person Customer Service 978-777-1100 Fax 978-777-1100 E-mail 800-424-9300 Emergincy telephone 800-424-9300 number 978-777-1100 Supplier Not available. 2. 4. Z. 4. Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 1 Skin corrosion/initiation Serious eye damage/eye irritation Category 1 Environmental hazards Not classified. Label elements Environmental in contact with skin, Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protective gloves/protective clothing. Response IF ON SKIN: Wash with plent of vater. IF IN EYES: Rine cautiously with water for several minutes. Remove contact lenses, if pr | Manufacturer/Importer/Supplier | /Distributor information | |
| Unit 1 Hatton Hills, ON L7G 0C6 Contact person Customer Service 978-777-1100 Fax Email Emergency telephone 800-424-9300 number 800-424-9300 Supplier Not available. 2. Hazard identification Supplier Not classified. Health hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corosion/irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Sing corosion/irritation Category 1 Not classified. Health hazards Label elements Viot dissified. Label elements Viot classified. Procautionary statement Parger Hazard statement Parger Procautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protective gloves/protective clothing. Procautionary statement FON SKIN: Wash with plent of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if pr | Company name | ITW Performance Polymers | |
| Halton Hills, ON L7G 0C6 Contact person Customer Service Telephone number 978-777-1100 Fax | Address | 35 Brownridge Rd | |
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| Telephone number 978-777-1100 Fax E-mail Emergency telephone 800-424-9300 number Supplier Not available. 2. Hazard identification Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Signal word Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Prevention Avoid breathing dust/fume/gas/mist/vapours/spray, Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. Response II F ON SKIN: Wash with plenty of water. IF IN EVES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated flohting and wash it before reuse. Storage Not available. Supplemental information None. | | Halton Hills, ON L7G 0C6 | |
| Fax E-mail E-mail 800-424-9300 Supplier Not available. 2. Hazard identification Physical hazards Not classified. Health hazards Acute toxicity, dermal Skin corrosion/irritation Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Environmental in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Prevention Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. | Contact person | Customer Service | |
| E-nail Biole Emergency telephone number 800-424-9300 Supplier Not available. 2. Hazard identification . Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Vicial control with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. Response IF ON SKIN: Wash with plenty of water. IF IN EYES: Rise cautiously with water for several minuitaes. Remove contact lenses, if present and easy to do. Continue rinsing, Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take of contaminated work is it present and easy to do. Continue rinsing, Immediately call a POISON NENTRE/doctor. If | Telephone number | 978-777-1100 | |
| Barbone 800-424-9300 Supplier Not available. 2. Hazard identification 2 Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Signal word Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Precautionary statement Prevention Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Dispose of contents/container in accordance with local/regional/national/international regulations. | Fax | | |
| number Not available. Supplier Not available. 2. Hazard identification Physical hazards Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Victory 1 Signal word Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. <th>E-mail</th> <th></th> <th></th> | E-mail | | |
| 2. Hazard identification Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Label elements Vot classified. Label elements Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. | Emergency telephone number | 800-424-9300 | |
| Physical hazards Not classified. Health hazards Acute toxicity, dermal Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Image: Category 1 Signal word Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. | Supplier | Not available. | |
| Health hazardsAcute toxicity, dermalCategory 4Skin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 1Sensitization, skinCategory 1Environmental hazardsNot classified.Label elementsSignal wordDangerHazard statementHarmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.Precautionary statementPreventionPreventionAvoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection./face protection. Wear protective gloves/protective clothing.ResponseIF 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 CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reus:StorageNot available.DisposalDispose of contents/container in accordance with local/regional/national/international regulations.None.None. | 2. Hazard identification | | |
| Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Image: Precautionary statement Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/choctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. | Physical hazards | Not classified. | |
| Serious eye damage/eye irritationCategory 1Sensitization, skinCategory 1Environmental hazardsNot classified.Label elementsImage: Image: Image | Health hazards | Acute toxicity, dermal | Category 4 |
| Sensitization, skin Category 1 Environmental hazards Not classified. Label elements Image: Image | | Skin corrosion/irritation | Category 2 |
| Environmental hazards Not classified. Label elements Image: Construction of the second of | | Serious eye damage/eye irritation | Category 1 |
| Label elements Image: Imag | | Sensitization, skin | Category 1 |
| Signal word Danger Hazard statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Precautionary statement Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. None. None. | Environmental hazards | Not classified. | |
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| Hazard statementHarmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.Precautionary statementAvoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing.ResponseIF 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 CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.StorageNot available.DisposalDispose of contents/container in accordance with local/regional/national/international regulations.None. | | | |
| serious eye damage. Precautionary statement Prevention Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing. 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. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. None. None. | Signal word | Danger | |
| PreventionAvoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing.ResponseIF 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 CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.StorageNot available.DisposalDispose of contents/container in accordance with local/regional/national/international regulations.Supplemental informationNone. | Hazard statement | | ation. May cause an allergic skin reaction. Causes |
| Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing.ResponseIF 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 CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.Storage DisposalNot available.Dispose of contents/container in accordance with local/regional/national/international regulations.Supplemental informationNone. | Precautionary statement | | |
| minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Storage Not available. Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. | Prevention | Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face | |
| Disposal Dispose of contents/container in accordance with local/regional/national/international regulations. Supplemental information None. | Response | minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off | |
| Supplemental information None. | Storage | Not available. | |
| | Disposal | Dispose of contents/container in accordance | with local/regional/national/international regulations. |
| Other hazards None known. | Supplemental information | None. | |
| | Other hazards | None known. | |

3. Composition/information on ingredients

| Mixtures | | | |
|--------------------------------|-------------------------------------|-------------|-----------|
| Chemical name | Common name and synonyms | CAS number | % |
| Aliphatic Amines | | N/A | 40 - < 50 |
| Benzyl alcohol | | 100-51-6 | 20 - < 30 |
| TRIETHYLENETETRAMINE | TETA | 112-24-3 | 20 - < 30 |
| Silica, amorphous, fumed | Silica, amorphous, fumed, crystfree | 112945-52-5 | 5 - < 10 |
| Titanium dioxide | Titanium dioxide | 13463-67-7 | < 1 |
| Other components below reporta | ble levels | | 0.1 - 1 |

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

| 4. First-aid measures | |
|--|--|
| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical 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. |
| 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 immediately. |
| Ingestion | Rinse mouth. Get medical advice/attention if you feel unwell. |
| Most important symptoms/effects, acute and delayed | 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. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| 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 | Water spray. Alcohol resistant 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 | Use water spray to cool unopened containers. |
| 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. 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. Following product recovery, flush area with water. |
| | Small Spills: 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. |

| and the set of the set | De net net this westericht in the first | | |
|--|--|---|--|
| cautions for safe handling | Do not get this material in contact with Avoid contact with eyes, skin, and clo adequate ventilation. Wear appropriat after handling. Wash contaminated clo practices. | thing. When using, do not eat, o te personal protective equipment | drink or smoke. Provide nt. Wash hands thoroughly |
| nditions for safe storage, luding any incompatibilities | Store in tightly closed container. Store SDS). | e away from incompatible mater | ials (see Section 10 of the |
| Exposure controls/pers | sonal protection | | |
| cupational exposure limits | | | |
| US. ACGIH Threshold Limit Components | | Value | Form |
| · · · · · · · · · · · · · · · · · · · | Туре | | - |
| Titanium dioxide (CAS 13463-67-7) | TWA | 2.5 mg/m3 | Respirable finescale particles |
| | | 0.2 mg/m3 | Respirable nanoscale particles |
| Canada. Alberta OELs (Occ Components | upational Health & Safety Code, Sche Type | edule 1, Table 2), as amended Value | |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m3 | |
| Canada. British Columbia O | ELs. (Occupational Exposure Limits | for Chemical Substances, Oc | cupational Health and |
| Safety Regulation 296/97, as Components | | Value | Form |
| Titanium dioxide (CAS | Type TWA | 3 mg/m3 | Respirable fraction. |
| 13463-67-7) | TWA | 5 mg/m5 | Respirable fraction. |
| | | 10 mg/m3 | Total dust. |
| Canada. Manitoba OELs (Re Components | eg. 217/2006, The Workplace Safety A Type | nd Health Act), as amended Value | Form |
| Titanium dioxide (CAS 13463-67-7) | TWA | 2.5 mg/m3 | Respirable finescale particles |
| | | 0.2 mg/m3 | Respirable nanoscale particles |
| | ELs: Threshold Limit Values (TLVs) Ba | ased on the 1991 and 1997 A | CGIH TLVs and BEIs |
| Publication (New Brunswick Components | < Regulation 91-191) Type | Value | |
| Titanium dioxide (CAS | TWA | 10 mg/m3 | |
| 13463-67-7) | | to mg/mo | |
| | ntrol of Exposure to Biological or Che | emical Agents), as amended Value | |
| Canada. Ontario OELS. (Cor Components | Туре | • aldo | |
| Components Titanium dioxide (CAS | Type | 10 mg/m3 | |
| Components | | | |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN | TWA | 10 mg/m3 | |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN E (CAS 112-24-3) Canada. Quebec OELs. (Min | TWA TWA nistry of Labor - Regulation respecting | 10 mg/m3 3 mg/m3 0.5 ppm g occupational health and sa | |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN E (CAS 112-24-3) | TWA | 10 mg/m3 3 mg/m3 0.5 ppm | fety), as amended Form |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN E (CAS 112-24-3) Canada. Quebec OELs. (Min | TWA TWA nistry of Labor - Regulation respecting | 10 mg/m3 3 mg/m3 0.5 ppm g occupational health and sa | |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN E (CAS 112-24-3) Canada. Quebec OELs. (Min Components Titanium dioxide (CAS 13463-67-7) | TWA TWA nistry of Labor - Regulation respecting Type | 10 mg/m3 3 mg/m3 0.5 ppm g occupational health and sa Value 10 mg/m3 | Form Total dust. |
| Components Titanium dioxide (CAS 13463-67-7) TRIETHYLENETETRAMIN E (CAS 112-24-3) Canada. Quebec OELs. (Min Components Titanium dioxide (CAS 13463-67-7) Canada. Saskatchewan OEL | TWA TWA nistry of Labor - Regulation respecting Type TWA _s (Occupational Health and Safety R | 10 mg/m3 3 mg/m3 0.5 ppm g occupational health and sa Value 10 mg/m3 egulations, 1996, Table 21), a | Form Total dust. |

| Exposure guidelines | Occupational Exposure Limits are not relevant to the current physical form of the product. | |
|---|--|--|
| Canada - Ontario OELs: Ski | n designation | |
| TRIETHYLENETETRAM | INE (CAS 112-24-3) | Can be absorbed through the skin. |
| Appropriate engineering controls | applicable, use process enclose maintain airborne levels below | d be used. Ventilation rates should be matched to conditions. If ures, local exhaust ventilation, or other engineering controls to recommended exposure limits. If exposure limits have not been evels to an acceptable level. Provide eyewash station and safety |
| Individual protection measures, such as personal protective equipment | | |
| Eye/face protection | Wear safety glasses with side s recommended. | shields (or goggles) and a face shield. Face shield is |
| Skin protection | | |
| Hand protection | Wear appropriate chemical resi | stant gloves. |
| Other | Wear appropriate chemical resi | stant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | In case of insufficient ventilation | n, wear suitable respiratory equipment. |
| Thermal hazards | Wear appropriate thermal prote | ctive clothing, when necessary. |
| General hygiene considerations | and before eating, drinking, and | hygiene measures, such as washing after handling the material d/or smoking. Routinely wash work clothing and protective ants. Contaminated work clothing should not be allowed out of the |

9. Physical and chemical properties

| Appearance | Paste. |
|--|------------------------------|
| Physical state | Solid. |
| Form | Paste. |
| Colour | White |
| Odour | Ammoniacal. |
| Odour threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | -15.2 °C (4.64 °F) estimated |
| Initial boiling point and boiling range | 216 °C (420.8 °F) estimated |
| Flash point | >93.3 °C (>199.9 °F) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or exp | losive limits |
| Explosive limit - lower (%) | Not available. |
| Explosive limit – upper (%) | Not available. |
| Vapour pressure | 5.73 hPa estimated |
| Vapour density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 337.78 °C (640 °F) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 1.00 g/cm3 estimated |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| | |

Specific gravity

1 estimated

| 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 | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Peroxides. Phenols. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| Inhalation | No adverse effects due to inhalation are expected. |
|--|--|
| Skin contact | Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. |
| Eye contact | Causes serious eye damage. |
| Ingestion | Expected to be a low ingestion hazard. |
| 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. | | | |
|--|-------------------------------|------------------------------------|--|--|
| Components | Species | Test Results | | |
| Benzyl alcohol (CAS 100-51-6) | | | | |
| Acute | | | | |
| Dermal | | | | |
| LD50 | Rabbit | 2000 mg/kg | | |
| Inhalation | | | | |
| LC50 | Rat | > 4.1779999999999999 mg/l, 4 Hours | | |
| Silica, amorphous, fumed (CAS 112945-52-5) | | | | |
| <u>Acute</u> Oral | | | | |
| LD50 | Rat | > 22500 mg/kg | | |
| Titanium dioxide (CAS 13463-6 | | 22000 mg/kg | | |
| Acute | <i></i> | | | |
| Dermal | | | | |
| LD50 | Hamster | >= 10000 mg/kg | | |
| Oral | | | | |
| LD50 | Rat | > 10000 mg/kg | | |
| TRIETHYLENETETRAMINE (CAS 112-24-3) | | | | |
| Acute | | | | |
| Dermal | | | | |
| Liquid | | | | |
| LD50 | Rat | 1465 mg/kg | | |
| Oral | | | | |
| <i>Liquid</i> LD50 | Rat | 1716 mg/kg | | |
| | | in to highly | | |
| Skin corrosion/irritation | Causes skin irritation. | | | |
| Serious eye damage/eye irritation | Causes serious eye damage. | | | |

| Respiratory or skin sensitisatio | n | | | |
|--|--|--|--|--|
| Canada - Alberta OELs: Irrit | | | | |
| Silica, amorphous, fumed (CAS 112945-52-5) Titanium dioxide (CAS 13463-67-7) | | Irritant Irritant | | |
| Respiratory sensitisation | Not a respiratory sensitiser. | | | |
| 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 | | | | |
| ACGIH Carcinogens | | | | |
| Titanium dioxide (CAS 13 | 3463-67-7) | A3 Confirmed animal carcinogen with unknown relevance to humans. | | |
| Canada - Manitoba OELs: c | arcinogenicity | | | |
| Titanium dioxide (CAS 13463-67-7) IARC Monographs. Overall Evaluation of Carcinogenicit | | Confirmed animal carcinogen with unknown relevance to humans. | | |
| Silica, amorphous, fumeo Titanium dioxide (CAS 13 | | 3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans. | | |
| Reproductive toxicity | This product is not expected to | o cause reproductive or developmental effects. | | |
| Specific target organ toxicity - single exposure | Not classified. | | | |
| Specific target organ toxicity - repeated exposure | Not classified. | | | |
| Aspiration hazard | Not an aspiration hazard. | Not an aspiration hazard. | | |
| 12. Ecological informatio | 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 de | 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 consideration | ons | | | |
| 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 | l | | | |

TDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

-

| 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 Subst | ances Act | | |
| Not regulated. | | | |
| Export Control List (CEPA 1 | 999, Schedule 3) | | |
| Not listed. | | | |
| Greenhouse Gases | | | |
| Not listed. Precursor Control Regulation | | | |
| Not regulated. | 112 | | |
| nternational regulations | | | |
| Stockholm Convention | | | |
| | | | |
| Not applicable. Rotterdam Convention | | | |
| Not applicable. | | | |
| Kyoto Protocol | | | |
| Not applicable. | | | |
| Montreal Protocol | | | |
| Not applicable. Basel Convention | | | |
| Not applicable. | | | |
| ternational Inventories | | | |
| Country(s) or region | Inventory name | On inventory (yes/no) | |
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | Ye | |
| Canada | Domestic Substances List (DSL) | Ye | |
| Canada | Non-Domestic Substances List (NDSL) | N | |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Ye | |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Ye | |
| Europe | European List of Notified Chemical Substances (ELINCS) | N | |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Ye | |
| Korea | Existing Chemicals List (ECL) | Ye | |
| New Zealand | New Zealand Inventory | Ye | |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Ye | |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Ye | |
| rantan | | | |

16. Other information

| Issue date | 03-July-2019 |
|---------------|----------------|
| Revision date | 02-August-2023 |
| Version No. | 12 |

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.