



## MATERIAL SAFETY DATA SHEET

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| <b>1. Identification of the Product and the Company</b> |
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### DT 50

Zinkan Enterprises, Inc.

1919 Case Parkway North

Twinsburg, Ohio 44087

Tel: 1-800-229-6801      Fax: 1-330-425-8202

Emergency Contact : Infotrac 1-800-535-5053

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| <b>2. Composition/ Information On Ingredients</b> |
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| Components | CAS Number  | OSHA/PEL | ACGIH/TLV | Weight |
|------------|-------------|----------|-----------|--------|
| Styrene    | Proprietary | N/E      | N/E       | 35-65% |
| Butadiene  |             |          |           |        |
| Latex      |             |          |           |        |
| Water      | 7732-18-5   | N/E      | N/E       |        |

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| <b>3. Hazards Identification</b> |
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*May cause irritation on skin. If ingested may cause irritation. May cause respiratory discomfort.*

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| <b>4. First Aid Measures</b> |
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| <b>Inhalation:</b>   | Remove to fresh air. If not breathing, give artificial respiration.                                                                                                                             |
| <b>Skin Contact:</b> | Wash off immediately with soap and plenty of water. Remove contaminated clothing.                                                                                                               |
| <b>Eye Contact:</b>  | Rinse thoroughly with plenty of water. Ensure adequate flushing by separating eyelids with fingers and roll eyes in circular motion. In case of persistent eye irritation, consult a physician. |
| <b>Ingestion:</b>    | No ingestion effects known. Get medical attention.                                                                                                                                              |

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| <b>5. Fire-Fighting Measures</b> |
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| <b>Suitable extinguishing media:</b>      | Water, foam, dry powder. Carbon dioxide may be ineffective.                              |
| <b>Special fire-fighting precautions:</b> | None known for product as delivered. Container may rupture when exposed to extreme heat. |

**Protective equipment for firefighters:** Self-contained breathing apparatus and protective clothing.

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| <b>6. Accidental Release Measures</b> |
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| <b>Personal precautions:</b>      | No special precautions required.                                                 |
| <b>Environmental precautions:</b> | Do not flush into sewer or water systems. Recover as much as possible for reuse. |

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**Methods for cleaning up:** Do not flush with water. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly. Wash spill area with soap and water.

#### 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes and ingesting. Ensure there is adequate ventilation. Do not smoke. Provide eyewash fountains and safety showers in work area.

**Storage:** Keep container closed when not in use. Make sure there is adequate ventilation. Do not reuse empty container without commercial cleaning or reconditioning.

#### 8. Exposure Controls/ Personal Protection

**Engineering controls:** Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

##### Personal Protection Equipment

**Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand Protection:** Rubber gloves

**Eye Protection:** Safety glasses with side-shields. Do not wear contact lenses.

**Skin Protection:** Chemical resistant apron or suit if splashing of solution is likely.

**Hygiene Measures:** Wash hands before breaks and immediately after handling product. Handle in accordance with good industrial hygiene and safety practice.

#### 9. Physical and Chemical Properties

**Form:** Thin Liquid.

**Color:** Opaque/white.

**Odor:** Mild acrylate

**Specific Gravity:** 0.98-1.04

**Melting Point (°C):** Not applicable

**Flash Point (°C):** >212 °F (100 °C). Pensky Martens Closed Cup ASTM D 93

**Auto-ignition Temperature (°C):** Does not ignite.

**Vapor Pressure (mm Hg):** < 17.5 mmHg @ 68°F (20°C)

**Water Solubility:** Complete

**% Volatile by Weight:** 25%

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| <b>10. Stability and Reactivity</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Stability:</b>                           | Product is stable, no hazardous polymerization will occur. Oxidizing agents may cause exothermic reactions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Hazardous decomp/Products:</b>           | Thermal decomposition may produce: carbon oxides, sulfur oxides (SO <sub>x</sub> ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>11. Toxicological Information</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                             | Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                             | No toxicity studies have been conducted on this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                             | As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>12. Ecological Information</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                             | No ecological testing has been conducted on this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>13. Disposal Considerations</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Waste from residues/Unused products:</b> | Incinerate waste product when in liquid form (i.e., as supplied) in a properly permitted (approved) incineration facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill. Liquid product generally requires some pre-disposal treatment to separate the liquid from the polymeric portion. Typically, this is done by coagulating the polymer and removing the liquid. The liquid portion may be discharged to an industrial or public treatment works with approval of appropriate permitting authorities. Solid products can be sent to an approved landfill, or preferably incinerated. |
| <b>Contaminated Packaging:</b>              | Rinse empty containers with water and use the rinse water to prepare the working solution. Can be land-filled or incinerated, when in compliance with local regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>US RQ:</b>                               | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>14. Transport Information</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                             | Coal treating compound. Not regulated by DOT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                             | NMFC: 50130.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>15. Regulatory Information</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                             | <b>All components of this product are on the TSCA and DSL inventories.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RCRA status:</b>                         | Not a hazardous waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Hazard class:</b>                        | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reportable Quantity:</b>                 | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UN/NA Number:</b>                        | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>IMDG Class:</b>                          | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Packing Group:</b>                       | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ICAO/IATA Class:</b>                     | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>TDG Class:</b>                           | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Name of Material</b>                     | Not regulated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes:</b>                               | No additional information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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### 15. Regulatory Information

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| <b>U.S. Toxic Substances Control Act:</b>       | All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>U.S. CERCLA – SARA:</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>SARA Title III Section 312</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Hazard Category (40 CFR 311/312):</b>        | Not Hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>SARA Section 313:</b>                        | This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372: None Known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>California Proposition 65:</b>               | Warning: The following ingredients present in the product are known to the state of California to cause Cancer: None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997. Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards: None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997. The chemical identity of some or all components present is confidential business information (trade secret) and is being withheld as permitted by 29CFR1910.1200 (i). |
| <b>Canadian Domestic Substances List (DSL):</b> | All components in this product are on the Canadian Domestic Substances List (DSL) or are exempt from listing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Canadian Ingredient Disclosure List:</b>     | The following components are on the Canadian Ingredient Disclosure List (WHMIS): None Listed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Canadian WHMIS Class:</b>                    | Not Controlled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

| HMIS & NFPA Ratings         | HMIS | NFPA |
|-----------------------------|------|------|
| <b>Health:</b>              | 1    | 1    |
| <b>Flammability:</b>        | 1    | 1    |
| <b>Reactivity:</b>          | 0    | 0    |
| <b>Personal Protection:</b> | B    |      |

### 16. Other Information

Person to contact: Regulatory Affairs Manager

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. 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.