| 70 Washi | HNOLOGY INC | SAFETY DATA SHEET | | |
|---|---|--|--|--|
| E-Mail: ait | n Jct., NJ 08550 388 fax (609) 799-9308 t@aitechnology.com tp://www.aitechnology.com | EM | ERGENCY PHONE: 1-800-424-9300 | |
| Product: MC7680-UFS | electric constant and loss, Low ionic imp General Use: | purities, Low moisture absorption, Restri | IIP UNDERFILL High temperature stability. ction On Use: led for designated use only. | |
| 2) HAZARD IDENTIFICATION | | | | |
| Signal Word: Warning | | | | |
| Precautionary Statement: For industrial use only | Physical Appeara Paste | nce: Imme None | diate Concerns: | |
| Primary Route Entry: Skin | | Medical Conditions Age No specific data | gravated: | |
| Potential Health Effects: Eyes: Irritant | Skin: Adverse symptoms may include irritation and redness | Ingestion: No specific data | Inhalation: Irritant | |
| Signs and Symptoms of Over | exposure: | | | |
| Eyes: Adverse symptoms may include irritation, watering and redness | Skin: Irritant | Ingestion: None under normal use | Inhalation: No specific data | |
| Acute Toxicity: No known significant effects or critical hazards | Chronic Exposure: Repeated skin contact may cause irritation | Carinognnicity: Not classifiable as a carcinog | en Not considered to be mutagenic | |
| Reproductive Effects: Not known to cause any reproductive effects | Teratogenic Effects: None under normal use | Target Organ Stament: No known significant effects or critical hazards | Sensitization: May cause sensitization | |
| 3) COMPOSITION / INFORMA | TION ON INGREDINTS | | | |
| MATERIAL: Silicon dioxide Cyanate Ester Admixture Polybutadiene, modified 2,2,4-Trimethyl-1,3-pentanediol diiso | butyrate | 1 1 1 | CAS NO%4808-60-765-80156-51-030-0529288-65-902-055265-77-401-05 | |
| Nonylphenol NOTE: * For powders only; in adhesi | ve product, powders are bound in adhes | | 4852-15-3 02-05 | |
| 4) FIRST AID MEASURES | · · · | | | |
| First Aid Eye: Immediately flush eyes with eye wash clean water holding the eyelids apart If symptoms develop, seek medical a | for 15 minutes. develop, seek med | id water. If symptoms M | RST AID INHALE: Nove to fresh air. Seek medical attention. | |
| First Aid Ingest: If swallowed, do not induce vomiting. resting and seek medical attention. | Keep person No specific treatme | | eek medical treatment | |
| Delayed Symptoms: Seel | k medical treatment | | | |
| 5) FIRE FIGHTING MEASURE | S | | | |
| Flammable Class: 1 | Flame Propagation | or Burning Rate of Ssolid | s: Unknown | |
| General Hazard: No specific f | ire or explosion hazard. | | | |
| Extiguish Media: Sodium Bica | irbonate and water | | | |
| Hazardous Combustion Prod | ucts: Unknown | | | |
| Fire Fighting Procedures: Use self-contained breathing apparat products may be toxic. | | Unsuitable Firefighting Self-contained breathing appr | Equipment: aratus should be available for fire fighters. | |
| Suitable Firefighting Equipme Sensitive To Static Discharge | | Sensitive To Impact: | No | |

| 6) ACCIDENTAL RELEASE MEASURES | | | |
|---|---|--|--|
| Small Spill: Cover with sand and place in waste containers for disposal | | | |
| Large Spill: Contain spill and place in waste containers for disposal | | | |
| Water Spill: Keep from going into water systems | | | |
| Land Spill: Contain spill and place in waste containers for disposal | | | |
| Genral Procedures: | Release Notes: | | |
| Use the necessary tools and protective equipment | Unknown | | |
| 7) HANDLING AND STORAGE | | | |
| Handling: | Storage: | | |
| Use latex gloves and safety glasses | -40C | | |
| 8) EXPOSURE CONTROLS / PERSONAL PROTECTION | | | |
| PPE Eye And Face: Personal protective equipment should be worn based | sed on the task being performed | | |
| PPE Skin: Personal protective equipment should be worn based on the t | ask being performed | | |
| Engineering Controls: | OSHA PEL ACGIH TLV EINECS | | |
| PPE Respiratory: Respirator selection must be based on known or anticipated exposure levels | 0.1 mg/m ³ * 0.1 mg/m ³ * | | |
| PPE Ventilation: Emissions from ventilation equipment should be checked to ensure they comply with the requirements of environmental protection legislation | None Established None Established | | |
| PPE Other: Personal protective equipment should be worn based on the task being performed | None Established None Established | | |
| Work Hygienic Practices: Emissions from ventilation equipment should be checked to ensure they comply with the requirements of environmental protection legislation | None Established None Established | | |
| | None Established None Established | | |
| 9) PHYSICAL AND CHEMICAL PROPERTIES | | | |
| Flashpoint And Method: Unknown | Lower Flammable Limits: Unknown | | |
| Upper Flammable Limits: Unknown | Physical State: Paste | | |
| Autoignition Temperature: Unknown | Odor: Slight chemical odor | | |
| Color: Light beige | Odor Threshold: Not Determined | | |
| Vapor Pressure: Unknown | PH: Not tested | | |
| Vapor Density: Not tested | | | |
| Boiling Point: Not Determined | Freezing Point: -45 deg C | | |
| Melting Point: 240 deg C | Solubility In Water: None | | |
| Evaporation Rate: <0.1% | | | |
| | | | |
| epeenie eranity. | | | |
| incloodidi troigitti | Coeff. Oil/Water: Not tested | | |
| | | | |
| 10) STABILITY AND REACTIVITY Hazardous Polymerization: Stable under normal conditions of sto | rane and use | | |
| | lage and doc | | |
| Chemical Stability: Stable Polymerization: Hazardous polymerization may occur. | Conditions To Avoid: Avoid excessive heat. Do not store near heat | | |
| Hazardous Decomposition Products: | or flame | | |
| Not determined | | | |
| Incompatibility Materials: Not determined | | | |
| 11) TOXICOLOGICAL INFORMATION | | | |
| Acute: | | | |
| Eyes: Stable under recommended storage and handling cond | LD50: Not tested Inhalation LC50: Not tested | | |
| Eye Effects: May cause burning and watery eyes | | | |

| Skin Effects: U | nknown | | | | | | | |
|--|---|---|---|--|--|----------------------|--|--|
| Carcinogenicity: | | | | | | | | |
| IARC: Not tested | | | NTP: Not tested | | OSHA: 0.1 mg/m ³ * | | | |
| Sensitization: | , | tization by skin co | ntact | | | | | |
| Reproductive Effects: Not tested | | | | | | | | |
| TARGET ORGANS | | | | | | | | |
| Eyes: Irriting | Skin: | Moderate irritant, may cause rash. | Gastrointestinal: | Not Determined | Respiratory System: | Not Determined | | |
| Teratogenic Effec | ts: May caus | se sensitization by | skin contact | | | | | |
| Mutagenicity: | | | | | | | | |
| 12) ECOLOGICAL | | | | | | | | |
| Ecotoxicity: No I | - | t effects or critical | | | | | | |
| Mobility In Soil: | - | ificant effects or cl | | | | | | |
| | Persistence And Degradability: No known significant effects or critical hazards | | | | | | | |
| Bioaccumulative | Potential: | No known signific | cant effects or critical ha | zards | | | | |
| 13) DISPOSAL CO | | | | | | | | |
| Disposal Method: | | an approved land | | | | | | |
| | For Large Spills: Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements | | | | | | | |
| Product Disposal | and any regi | onal local authority | y requirements | · | ronmental protection and waste | | | |
| Empty Container: | and any regi | onal local authority | | the requirements of envir | ronmental protection and waste | disposal legislation | | |
| 14) TRANSPORT | INFORMATIC | DN | | | | | | |
| Road And Rail (Al | DR/RID) | | | | | | | |
| • | | | | | | | | |
| Transport Informa | ation: | | Kemler Num | ber: | Hazard Class: | | | |
| Not Regulated | ation: | | Kemler Num Unknown | ber: | Hazard Class: Irritant | | | |
| Not Regulated Air (CIAO/IATA) | | | | ber: | | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: | Not Regulated | | | ber: | | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: | Not Regulated N.A. | | Unknown | | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: | Not Regulated N.A. I.A. | | Unknown Prin | nary Hazard Class: | | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: | Not Regulated N.A. I.A. N.A. | | Unknown | nary Hazard Class: | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG | Not Regulated N.A. I.A. N.A. | | Unknown Prin | nary Hazard Class: | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: | Not Regulated N.A. I.A. N.A. | | Unknown Prin | nary Hazard Class: | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: | Not Regulated N.A. I.A. N.A.) Not Regulated N.A. | | Unknown Prin Lab | n ary Hazard Class: el: ^{N.A.} | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name | Not Regulated N.A. I.A. N.A.) Not Regulated N.A. | | Unknown Prin Lab | nary Hazard Class: el: ^{N.A.} nary Hazard Class: | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Nam Packing Group: | Not Regulated N.A. N.A. N.A. Not Regulated N.A. N.A. N.A. | ΊΟΝ | Unknown Prin Lab Prin | nary Hazard Class: el: ^{N.A.} nary Hazard Class: | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name Packing Group: 15) REGULATORY TCSA: This product | Not Regulated N.A. I.A. N.A. Not Regulated N.A. N.A. N.A. (INFORMAT a, or its compone | nts, are liste on or | Unknown Prin Lab Prin | nary Hazard Class: el: ^{N.A.} nary Hazard Class: el: ^{N.A.} | Irritant | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name Packing Group: 15) REGULATORY TCSA: This product | Not Regulated N.A. I.A. N.A. Not Regulated N.A. N.A. N.A. (INFORMAT a, or its compone | nts, are liste on or (TSCA) Chemical | Unknown Prin Lab Prin Lab | nary Hazard Class: el: ^{N.A.} nary Hazard Class: el: ^{N.A.} | Irritant N.A. N.A. | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name Packing Group: 15) REGULATORY TCSA: This product | Not Regulated N.A. N.A. N.A. Not Regulated N.A. N.A. t INFORMAT or its compone ance Control Act Not Determin | nts, are liste on or (TSCA) Chemical | Unknown Prin Lab Prin Lab | nary Hazard Class: el: N.A. nary Hazard Class: el: N.A. Skin: Not determined | Irritant N.A. N.A. | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name Packing Group: 15) REGULATORN TCSA: This product Toxic Substa | Not Regulated N.A. I.A. N.A. Not Regulated N.A. N.A. He: N.A. N.A. f INFORMAT ance Control Act Not Determin RMATION | nts, are liste on or (TSCA) Chemical | Unknown Prin Lab are exempt from the Substance Inventory. | nary Hazard Class: el: N.A. nary Hazard Class: el: N.A. Skin: Not determined | Irritant N.A. N.A. | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name Packing Group: 15) REGULATORY TCSA: This product Toxic Substa Gastrointestinal: 16) OTHER INFOR | Not Regulated N.A. N.A. N.A. Not Regulated N.A. N.A. r INFORMAT , or its compone ance Control Act Not Determin RMATION ng (1-4): 1 | nts, are liste on or (TSCA) Chemical ed | Unknown Prin Lab are exempt from the Substance Inventory. | nary Hazard Class: el: N.A. nary Hazard Class: el: N.A. Skin: Not determined Respiratory System: | Irritant N.A. N.A. N.A. Rating (1-4): 1 | | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name: Technical Name: Note: All ingredient No ingredient Ingredients | Not Regulated N.A. N.A. N.A. Not Regulated N.A. NA. NA. FINFORMAT (INFORMAT (), or its compone ance Control Act Not Determin RMATION ng (1-4): 1 zard Rating nts in this product 907-2006 Art. 3 ⁻¹ nt in this product listed on the New | nts, are liste on or (TSCA) Chemical ed (1-4): 0 t are on the Toxic Annex II The ing is known to be ca w Jersey "RIGHT 1 | Unknown Prin Lab Prin Substance Inventory. | hary Hazard Class: el: N.A. hary Hazard Class: el: N.A. Skin: Not determined Respiratory System: HMIS Flammability F Long Term Health A (TSCA) inventory or are r vith RoHS, REACH and ar st: None | Irritant N.A. N.A. N.A. Not Determined Rating (1-4): 1 ffects (Y/N): N not required to be listed and are | compliant with EC | | |
| Not Regulated Air (CIAO/IATA) Shipping Name: Technical Name: UN Number: N Packing Group: Vessel (IMO/IMDG Shipping Name: Technical Name: UN Shipping Name: Technical Name: Note: All ingredient No ingredient Ingredients | Not Regulated N.A. N.A. N.A. Not Regulated N.A. NA. NA. FINFORMAT (INFORMAT (), or its compone ance Control Act Not Determin RMATION ng (1-4): 1 zard Rating nts in this product 907-2006 Art. 3 ⁻¹ nt in this product listed on the New | nts, are liste on or (TSCA) Chemical ed (1-4): 0 t are on the Toxic Annex II The ing is known to be ca w Jersey "RIGHT 1 | Unknown Prin Lab Prin Lab | hary Hazard Class: el: N.A. hary Hazard Class: el: N.A. Skin: Not determined Respiratory System: HMIS Flammability F Long Term Health A (TSCA) inventory or are r vith RoHS, REACH and ar st: None | Irritant N.A. N.A. N.A. Not Determined Rating (1-4): 1 ffects (Y/N): N not required to be listed and are | compliant with EC | | |