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SAFETY DATA SHEET

| 1. Identification                |                                  |                         |  |
|----------------------------------|----------------------------------|-------------------------|--|
| Product identifier               | HumiSeal 1B73AP                  |                         |  |
| Other means of identification    |                                  |                         |  |
| Product code                     | HumiSeal 1B73 AP                 |                         |  |
| Recommended use                  | Protective Coating for Printed C | Circuit Board           |  |
| <b>Recommended restrictions</b>  | None known.                      |                         |  |
| Manufacturer/Importer/Supplier/I | Distributor information          |                         |  |
| Manufacturer                     |                                  |                         |  |
| Company name                     | CHASE CORPORATION Zeta           | Drive Plant             |  |
| Address                          | 201 Zeta Drive                   |                         |  |
|                                  | Pittsburgh, PA 15238             |                         |  |
|                                  | United States                    |                         |  |
| Telephone                        | 1-866-932-0800                   |                         |  |
| E-mail                           | Not available.                   |                         |  |
| Emergency phone number           | 1-800-424-9300                   | Chemtrec, US            |  |
|                                  | (+1)703-527-3887                 | Chemtrec, outside of US |  |

### 2. Hazard(s) identification

| Physical hazards      | Flammable liquids                                      | Category 1  |
|-----------------------|--|-------------|
| Health hazards        | Acute toxicity, dermal                                 | Category 4  |
|                       | Acute toxicity, inhalation                             | Category 4  |
|                       | Skin corrosion/irritation                              | Category 2  |
|                       | Serious eye damage/eye irritation                      | Category 2A |
|                       | Specific target organ toxicity, repeated exposure      | Category 2  |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard     | Category 3  |
|                       | Hazardous to the aquatic environment, long-term hazard | Category 3  |
| OSHA defined hazards  | Not classified.  |             |

Label elements



#### Danger

Signal word Hazard statement

Extremely flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| Precautionary statement                      |   |
|--|---|
| Prevention                                   | Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing. Wear protective gloves/eye protection/face protection.  |
| Response                                     | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse<br>cautiously with water for several minutes. Remove contact lenses, if present and easy to do.<br>Continue rinsing. Call a poison center/doctor if you feel unwell. Specific treatment (see this label).<br>If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical<br>advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use<br>appropriate media to extinguish. |
| Storage                                      | Store in a well-ventilated place. Keep cool.  |
| Disposal                                     | Dispose of contents/container in accordance with local/regional/national/international regulations.   |
| Hazard(s) not otherwise<br>classified (HNOC) | Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.   |
| Supplemental information                     | 0.1% of the mixture consists of component(s) of unknown acute dermal toxicity. 2.24% of the mixture consists of component(s) of unknown acute inhalation toxicity. 2.15% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 2.15% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.  |

### 3. Composition/information on ingredients

**Mixtures** 

| Chemical name                        | Common name and synonyms | CAS number | %         |
|--------------------------------------|--------------------------|------------|-----------|
| Xylene                               |                          | 1330-20-7  | 60 - < 70 |
| ISOPROPYL ALCOHOL                    |                          | 67-63-0    | 1 - < 3   |
| Other components below reportable le | evels                    |            | 30 - < 40 |

Other components below reportable levels

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

| Inhalation   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or<br>artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.  |
|--|---|
| Skin contact   | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical<br>advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash<br>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 advice/attention if you feel unwell.   |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.  |
| Indication of immediate<br>medical attention and special<br>treatment needed | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.               |
| General information  | Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |

## 5. Fire-fighting measures

| Suitable extinguishing media   | Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. |
|--------------------------------|---|
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire.  |

| Specific hazards arising from the chemical                       | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. |
|--|--|
| Special protective equipment<br>and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  |
| Fire-fighting<br>equipment/instructions                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.   |
| Specific methods<br>General fire hazards                         | Use standard firefighting procedures and consider the hazards of other involved materials. Extremely flammable liquid and vapor.   |

#### 6. Accidental release measures

| Personal precautions,<br>protective equipment and<br>emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|---|---|
| Methods and materials for<br>containment and cleaning up                  | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.  |
|   | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.   |
|   | Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.  |
| 7. Handling and storage   |   |
| Precautions for safe handling   | Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static  |

Do not naricle, store of open near an open name, sources of near of sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

#### **Occupational exposure limits** US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Type Value **ISOPROPYL ALCOHOL** PEL 980 mg/m3 (CAS 67-63-0) 400 ppm PEL Xylene (CAS 1330-20-7) 435 mg/m3 100 ppm **US. ACGIH Threshold Limit Values** Components Value Type **ISOPROPYL ALCOHOL** STEL 400 ppm (CAS 67-63-0) TWA 200 ppm Xylene (CAS 1330-20-7) STEL 150 ppm 100 ppm TWA **US. NIOSH: Pocket Guide to Chemical Hazards** Value Components Type **ISOPROPYL ALCOHOL** STEL 1225 mg/m3 (CAS 67-63-0) 500 ppm TWA 980 mg/m3 400 ppm **Biological limit values ACGIH Biological Exposure Indices** Specimen Components Value Determinant **Sampling Time ISOPROPYL ALCOHOL** Urine 40 mg/l Acetone (CAS 67-63-0) Xylene (CAS 1330-20-7) Methylhippuric Creatinine in 1.5 g/g acids urine \* - For sampling details, please see the source document. Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air Appropriate engineering changes per hour) should be used. Ventilation rates should be matched to conditions. If controls applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece. Skin protection Hand protection Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Other **Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece. Wear appropriate thermal protective clothing, when necessary. **Thermal hazards General hygiene** When using do not smoke. Always observe good personal hygiene measures, such as washing considerations after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

#### 9. Physical and chemical properties

#### Appearance

| Physical state                             | Liquid.                 |  |
|--|-------------------------|--|
| Form                                       | Liquid.                 |  |
| Color                                      | Clear                   |  |
| Odor                                       | Aromatic                |  |
| Odor threshold                             | Not available.          |  |
| рН   | Does not apply.         |  |
| Melting point/freezing point               | Not available.          |  |
| Initial boiling point and boiling range    | Not available.          |  |
| Flash point                                | 53.6 °F (12.0 °C)       |  |
| Evaporation rate                           | 0.6 BuAc                |  |
| Flammability (solid, gas)                  | Not available.          |  |
| Upper/lower flammability or exp            | osive limits            |  |
| Explosive limit - lower (%)                | 1 %                     |  |
| Explosive limit - upper (%)                | 7.1 %                   |  |
| Vapor pressure                             | 10.65 hPa estimated     |  |
| Vapor density                              | Not available.          |  |
| Relative density                           | Not available.          |  |
| Solubility(ies)                            |                         |  |
| Solubility (water)                         | Negligible              |  |
| Partition coefficient<br>(n-octanol/water) | Not available.          |  |
| Auto-ignition temperature                  | Not available.          |  |
| Decomposition temperature                  | Not available.          |  |
| Viscosity                                  | 380 - 420 cP            |  |
| Viscosity temperature                      | 77 °F (25 °C)           |  |
| Other information                          |                         |  |
| Brookfield viscosity                       | 380 - 420               |  |
| Density                                    | 0.93 g/cm3              |  |
| Miscible (water)                           | Negligible              |  |
| Percent volatile                           | 63 - 68 % v/v estimated |  |
| Specific gravity                           | 0.93                    |  |
| VOC (Weight %)                             | 632 g/l                 |  |
| 10. Stability and reactivity               |                         |  |

### 10. Stability and reactivity

| Reactivity                            | The product is stable and non-reactive under normal conditions of use, storage and transport.  |
|---------------------------------------|--|
| Chemical stability                    | Material is stable under normal conditions.  |
| Possibility of hazardous<br>reactions | Hazardous polymerization does not occur.   |
| Conditions to avoid                   | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials                | Strong acids. Strong oxidizing agents. Halogens.   |
| Hazardous decomposition<br>products   | No hazardous decomposition products are known.   |

# 11. Toxicological information

### Information on likely routes of exposure

| Ingestion    | Expected to be a low ingestion hazard.   |
|--------------|--|
| Inhalation   | Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. |
| Skin contact | Harmful in contact with skin. Causes skin irritation.  |
| Eye contact  | Causes serious eye irritation.   |

Material name: HumiSeal 1B73AP

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

#### Information on toxicological effects

| Acute toxicity             | Harmful if inhaled. Harmful in contact with skin. |                                   |
|----------------------------|---|-----------------------------------|
| Product                    | Species   | Test Results                      |
| HumiSeal 1B73AP (CAS Mixtu | re)   |                                   |
| Acute                      |   |                                   |
| Dermal                     |   |                                   |
| LD50                       | Rabbit  | 15545.7549 ml/kg estimated        |
|                            |   | 63.5907 g/kg estimated            |
| Inhalation                 |   |                                   |
| LC50                       | Mouse   | 5777.8765 mg/l, 6 Hours estimated |
|                            | Rat   | 9390.7129 mg/l, 4 Hours estimated |
| Oral                       |   |                                   |
| LD50                       | Mouse   | 2320.3069 mg/kg estimated         |
|                            | Rabbit  | 245.3659 g/kg estimated           |
|                            | Rat   | 5209.9971 mg/kg estimated         |
| Other                      |   |                                   |
| LD50                       | Mouse   | 34532.7266 mg/kg estimated        |
|                            | Rat   | 5.619 mg/kg estimated             |
| Components                 | Species   | Test Results                      |
| SOPROPYL ALCOHOL (CAS      | 67-63-0)  |                                   |
| Acute                      |   |                                   |
| Dermal                     |   |                                   |
| LD50                       | Rabbit  | 12800 mg/kg                       |
| Oral                       | _   |                                   |
| LD50                       | Dog   | 4797 mg/kg                        |
|                            | Mouse   | 3600 mg/kg                        |
|                            | Rabbit  | 5.03 g/kg                         |
|                            | Rat   | 4.7 g/kg                          |
| Other                      |   |                                   |
| LD50                       | Mouse   | 1509 mg/kg                        |
|                            | Rat   | 1099 mg/kg                        |
| ylene (CAS 1330-20-7)      |   |                                   |
| Acute                      |   |                                   |
| Dermal                     |   |                                   |
| LD50                       | Rabbit  | > 43 g/kg                         |
| Inhalation                 |   |                                   |
| LC50                       | Mouse   | 3907 mg/l, 6 Hours                |
|                            | Rat   | 6350 mg/l, 4 Hours                |
| Oral                       |   |                                   |
| LD50                       | Mouse   | 1590 mg/kg                        |
|                            | Rat   | 3523 - 8600 mg/kg                 |
| Other                      |   |                                   |
| LD50                       | Rat   | 3.8 mg/kg                         |
| * Estimates for product ma | y be based on additional component data not sh    | nown.                             |
| kin corrosion/irritation   | Causes skin irritation.                           |                                   |
| erious eye damage/eye      | Causes serious eye irritation.                    |                                   |

irritation

| Respiratory or skin sensitization                     | 1   |  |
|---|---|--|
| <b>Respiratory sensitization</b>                      | Not available.  |  |
| Skin sensitization                                    | This product is not expected to cause skin sensitization.   |  |
| Germ cell mutagenicity                                | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.    |  |
| Carcinogenicity                                       | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                     |  |
| IARC Monographs. Overall I                            | Evaluation of Carcinogenicity   |  |
| Xylene (CAS 1330-20-7)<br>OSHA Specifically Regulate  | 3 Not classifiable as to carcinogenicity to humans.<br>d Substances (29 CFR 1910.1001-1050)                         |  |
| Not listed.   |   |  |
| Reproductive toxicity                                 | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. |  |
| Specific target organ toxicity - single exposure      | Not classified.   |  |
| Specific target organ toxicity -<br>repeated exposure | May cause damage to organs through prolonged or repeated exposure.  |  |
| Aspiration hazard                                     | Not available.  |  |
| Chronic effects                                       | Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.             |  |

# 12. Ecological information

Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

| Product                      |   | Species  | Test Results                        |
|------------------------------|---|--|-------------------------------------|
| HumiSeal 1B73AP (CAS Mix     | ture)   |  |                                     |
| Aquatic                      |   |  |                                     |
| Crustacea                    | EC50  | Daphnia  | 11270.6729 mg/l, 48 hours estimated |
| Fish                         | LC50  | Fish   | 72.4877 mg/l, 96 hours estimated    |
| Components                   |   | Species  | Test Results                        |
| ISOPROPYL ALCOHOL (CA        | S 67-63-0)  |  |                                     |
| Aquatic                      |   |  |                                     |
| Fish                         | LC50  | Bluegill (Lepomis macrochirus)   | > 1400 mg/l, 96 hours               |
| Xylene (CAS 1330-20-7)       |   |  |                                     |
| Aquatic                      |   |  |                                     |
| Fish                         | LC50  | Bluegill (Lepomis macrochirus)   | 10.464 - 13.762 mg/l, 96 hours      |
|                              |   | Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss)   | 11.9 - 25.1 mg/l, 24 hours          |
| * Estimates for product may  | be based on ad  | lditional component data not shown.  |                                     |
| rsistence and degradability  |   | vailable on the degradability of this produ  | uct.                                |
| accumulative potential       | Not available.  |  |                                     |
| Partition coefficient n-octa | nol / water (log  | g Kow)   |                                     |
| ISOPROPYL ALCOHOL            |   | 0.05   |                                     |
| Xylene                       |   | 3.12 - 3.2   |                                     |
| bility in soil               | No data ava   |  |                                     |
| ner adverse effects          | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |  |                                     |
| . Disposal consideratio      | ons   |  |                                     |
| posal instructions           | this material<br>with chemic  | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |                                     |
| cal disposal regulations     | Dispose in a  | Dispose in accordance with all applicable regulations.   |                                     |
| zardous waste code           | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |  |                                     |

### US RCRA Hazardous Waste U List: Reference

Xylene (CAS 1330-20-7)

U239

| Aylerie (CAS 1550-20-7)                  | 0239   |
|--|--|
| Waste from residues / unused<br>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                   | Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Since emptied containers may retain product residue, follow label warnings even after container is<br>emptied. |

## 14. Transport information

| DOT   |   |
|---|---|
|   | UN1263  |
| UN number   | PAINT   |
| UN proper shipping name<br>Transport hazard class(es) | FAINT   |
| • • • •   |   |
| Class   | 3   |
| Subsidiary risk                                       | -   |
| Label(s)  | 3   |
| Packing group   |   |
| · ·   | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions                                    | 149, B52, IB2, T4, TP1, TP8, TP28                                       |
| Packaging exceptions                                  | 150   |
| Packaging non bulk                                    | 173   |
| Packaging bulk  | 242   |
| ΙΑΤΑ  |   |
| UN number   | UN1263  |
| UN proper shipping name                               | PAINT   |
| Transport hazard class(es)                            |   |
| Class   | 3   |
| Subsidiary risk                                       | -   |
| Packing group   |   |
| Environmental hazards                                 | No.   |
| ERG Code  | 3L  |
| Special precautions for user                          | Read safety instructions, SDS and emergency procedures before handling. |
| Other information                                     |   |
| Passenger and cargo                                   | Allowed.  |
| aircraft  |   |
| Cargo aircraft only                                   | Allowed.  |
| IMDG  |   |
| UN number   | UN1263  |
| UN proper shipping name                               | PAINT   |
| Transport hazard class(es)                            |   |
| Class   | 3   |
| Subsidiary risk                                       | -   |
| Packing group   | 11  |
| Environmental hazards                                 |   |
| Marine pollutant                                      | No.   |
| EmS   | F-E. S-E*   |
|   | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to                        | This substance/mixture is not intended to be transported in bulk.       |
| Annex II of MARPOL 73/78 and                          |   |
| the IBC Code  |   |
|   |   |





# 15. Regulatory information

| US federal regulations                             | This product is a "Hazardo<br>Standard, 29 CFR 1910.12<br>All components are on the | 200.               | ned by the OSHA Hazard Communication |
|--|---|--------------------|--------------------------------------|
| TSCA Section 12(b) Export                          | Notification (40 CFR 707, S   | Subpt. D)          |                                      |
| Not regulated.                                     |   |                    |                                      |
| CERCLA Hazardous Subst                             | ance List (40 CFR 302.4)  |                    |                                      |
| ISOPROPYL ALCOHOL (CAS 67-63-0)                    |   | Listed.            |                                      |
| Xylene (CAS 1330-20-7)<br>SARA 304 Emergency relea |   | Listed.            |                                      |
| •••  |   |                    |                                      |
| Not regulated.<br>OSHA Specifically Regulat        | ed Substances (29 CFR 191   | 0 1001-1050)       |                                      |
| Not listed.  |   | 0.1001-1000        |                                      |
| Superfund Amendments and R                         | oguthorization Act of 1986  |                    |                                      |
| Hazard categories                                  | Immediate Hazard - Yes  |                    |                                      |
| nazaru categories                                  | Delayed Hazard - Yes  |                    |                                      |
|  | Fire Hazard - Yes   |                    |                                      |
|  | Pressure Hazard - No<br>Reactivity Hazard - No                                      |                    |                                      |
| SARA 302 Extremely hazar                           |   |                    |                                      |
| Not listed.  |   |                    |                                      |
| SARA 311/312 Hazardous                             | No  |                    |                                      |
| chemical   |   |                    |                                      |
| SARA 313 (TRI reporting)                           |   |                    |                                      |
| Chemical name                                      |   | CAS number         | % by wt.                             |
| Xylene   |   | 1330-20-7          | 60 - < 70                            |
| ISOPROPYL ALCOHOL                                  |   | 67-63-0            | 1 - < 3                              |
| Other federal regulations                          |   |                    |                                      |
| Clean Air Act (CAA) Sectio                         | n 112 Hazardous Air Polluta   | ants (HAPs) List   |                                      |
| Xylene (CAS 1330-20-7)                             | )   |                    |                                      |
| Clean Air Act (CAA) Sectio                         | n 112(r) Accidental Release   | Prevention (40 CFR | 68.130)                              |
| Not regulated.                                     |   |                    |                                      |
| Safe Drinking Water Act<br>(SDWA)                  | Not regulated.  |                    |                                      |
| US state regulations                               |   |                    |                                      |
| US. Massachusetts RTK - S                          | Substance List  |                    |                                      |
| ISOPROPYL ALCOHOL                                  | . (CAS 67-63-0)   |                    |                                      |
| Material name: HumiSeal 1B73AP                     |   |                    |                                      |

Xylene (CAS 1330-20-7)

- US. New Jersey Worker and Community Right-to-Know Act ISOPROPYL ALCOHOL (CAS 67-63-0) Xylene (CAS 1330-20-7)
- US. Pennsylvania Worker and Community Right-to-Know Law ISOPROPYL ALCOHOL (CAS 67-63-0) Xylene (CAS 1330-20-7)

### US. Rhode Island RTK

ISOPROPYL ALCOHOL (CAS 67-63-0) Xylene (CAS 1330-20-7)

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

| US - California Proposition 65 - CRT: Liste                                 | ed date/Developmental toxin |  |
|---|-----------------------------|--|
| Toluene (CAS 108-88-3)  | Listed: January 1, 1991     |  |
| US - California Proposition 65 - CRT: Listed date/Female reproductive toxin |                             |  |
| Toluene (CAS 108-88-3)  | Listed: August 7, 2009      |  |

#### **International Inventories**

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                        | Yes                    |
| Canada                      | Domestic Substances List (DSL)  | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                       | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)                | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical<br>Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                    | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)                  | Yes                    |
| Korea                       | Existing Chemicals List (ECL)   | Yes                    |
| New Zealand                 | New Zealand Inventory   | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)         | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                             | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

| Issue date    | 05-20-2015  |
|---------------|---|
| Version #     | 01  |
| HMIS® ratings | Health: 2*<br>Flammability: 4<br>Physical hazard: 0   |
| NFPA ratings  | Health: 2<br>Flammability: 4<br>Instability: 0  |
| Disclaimer    | The information offered in this data sheet is designed only as guidance for the safe use, storage<br>and handling of the product. This information is correct to the best of our knowledge and belief at<br>the date of publication, however, no guarantee is made to its accuracy. This information relates<br>only to the specific material designated and may not be valid for such material used in combination<br>with any other materials or in any other process. This material is intended for industrial use only.<br>No warranty, expressed or implied is made. |