# A-C® 307/A,316/A,325,330,392,395/A,629/A/P/PA,630P/PA,655,656,659,660/A, 670P,673P,680/A/P/PA,6702,6702P,3307,3316,3325,3330,3716

## 000000011488

Version 2.4 Revision Date 01/20/2014 Print Date 09/01/2014

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---|---|---|
| Product name | : | A-C® 307/A,316/A,325,330,392,395/A,629/A/P/PA,630P/PA,655,656,659,660/A,670P,673P,680/A/P/PA,6702,6702P,3307,3316,3325,3330,3716 |
| MSDS Number | : | 000000011488 |
| Product Use Description | : | Polymer, Lubricant |
| Manufacturer or supplier's details | : | Honeywell International Inc.<br>101 Columbia Road<br>Morristown, NJ 07962-1057 |
| For more information call | : | 1-888 245-4738<br>+1-973-455-2145<br>(Monday-Friday, 9:00am-5:00pm) |
| **In case of emergency call** | : | **Medical: 1-800-498-5701 or +1-303-389-1414** |
| | : | **Transportation (CHEMTREC): 1-800-424-9300 or +1-703-527-3887** |
| | : | |
| | : | (24 hours/day, 7 days/week) |

## SECTION 2. HAZARDS IDENTIFICATION

**Emergency Overview**

| | | |
|---|---|---|
| Form | : | Wax like solid pellets powder |
| Color | : | white |
| Odor | : | Wax like mild |

**Classification of the substance or mixture**

| | | |
|---|---|---|
| Classification of the substance or mixture | : | Combustible dust |

**GHS Label elements, including precautionary statements**

| | | |
|---|---|---|
| Signal word | : | Warning |
| Hazard statements | : | May form combustible dust concentrations in air |
| Precautionary statements | : | **Prevention:**<br>Use personal protective equipment as required. |

**Carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Substance

| Chemical Name | CAS-No. | Concentration |
|---|---|---|
| Oxidized Polyethylene | 68441-17-8 | 100.00 % |

## SECTION 4. FIRST AID MEASURES

| | | |
|---|---|---|
| Inhalation | : | Remove to fresh air. Call a physician if irritation develops or persists. |
| Skin contact | : | Wash off with soap and water. Call a physician if irritation develops or persists. Cool skin rapidly with cold water after contact with molten material. Do not peel solidified product off the skin. Call a physician immediately. |
| Eye contact | : | Rinse with plenty of water. Call a physician if irritation develops or persists. |

| | | |
|---|---|---|
| Ingestion | : | Unlikely route of exposure. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician if necessary. |

**Notes to physician**

| | | |
|---|---|---|
| Treatment | : | Treat symptomatically. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Water mist<br>Dry chemical<br>Carbon dioxide (CO2)<br>Foam<br>Do not use a solid water stream as it may scatter and spread fire. |
| Specific hazards during firefighting | : | Avoid dust formation.<br>Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard.<br>Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.<br>Static charges on powders or powders in liquids may ignite combustible atmospheres.<br>Watch footing on floors and stairs because of possible spreading of molten material.<br>Material can create slippery conditions.<br>In case of fire hazardous decomposition products may be produced such as:<br>Carbon monoxide<br>Carbon dioxide (CO2) |
| Special protective equipment for firefighters | : | In the event of fire and/or explosion do not breathe fumes.<br>Wear self-contained breathing apparatus and protective suit. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions | : | Wear personal protective equipment.<br>Evacuate personnel to safe areas.<br>Provide adequate ventilation.<br>May form explosive dust-air mixture.<br>Avoid dust formation.<br>Accumulations of dust from this product in the workplace may increase the likelihood or severity of an explosion.<br>Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.<br>Eliminate all ignition sources if safe to do so.<br>Do not swallow.<br>Avoid breathing dust.<br>Avoid contact with skin, eyes and clothing. |
| Environmental precautions | : | Should not be released into the environment.<br>Prevent product from entering drains. |
| Methods for cleaning up | : | Avoid dust formation and electrical charging (sparking) because dust explosion might occur.<br>Do not create a powder cloud by using a brush or compressed air.<br>Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).<br>Use only non-sparking tools.<br>For molten product:<br>If material is molten, allow to cool. Use caution, as material may still be hot after solidification.<br>Spilled material will solidify.<br>Allow to solidify.<br>Scrape up.<br>Shovel into suitable container for disposal. |

## SECTION 7. HANDLING AND STORAGE

### Handling

| | | |
|---|---|---|
| Handling | : | Wear personal protective equipment.<br>Avoid dust formation.<br>Floors, walls and other surfaces must be regularly cleaned.<br>The material can accumulate static charge and can therefore cause electrical ignition.<br>Static charges on powders or powders in liquids may ignite combustible atmospheres.<br>Take precautionary measures against static discharges.<br>Material can create slippery conditions.<br>Do not swallow.<br>Avoid breathing dust.<br>Avoid contact with skin, eyes and clothing. |
| Advice on protection against fire and explosion | : | All combustible solids have the potential to create a dust explosion hazard. The likelihood of an explosion can be dependent upon many factors, such as the explosive characteristics of the material, the design of the facility, and the manner in which the material is handled. A more detailed discussion can be found in NFPA Bulletin 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids." |

### Storage

| | | |
|---|---|---|
| Requirements for storage areas and containers | : | Keep containers tightly closed in a dry, cool and well-ventilated place.<br>Keep away from heat and sources of ignition.<br>Keep away from direct sunlight.<br>Protect from physical damage.<br>Store away from incompatible substances. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
|---|---|---|
| Protective measures | : | Ensure that eyewash stations and safety showers are close to the workstation location.<br>Do not swallow.<br>Avoid breathing dust.<br>Avoid contact with skin, eyes and clothing. |
| Engineering measures | : | Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.<br>Provide exhaust ventilation if dust is formed.<br>Use only in an area equipped with explosion proof exhaust ventilation.<br>Electrical equipment should be protected to the appropriate standard.<br>If formation of dust is observed, equipment has to be switched off, cleaned and serviced. |
| Eye protection | : | Wear as appropriate:<br>Safety glasses with side-shields<br>For molten product:<br>Goggles or face shield, giving complete protection to eyes |
| Hand protection | : | When handling hot material, use heat resistant gloves. |
| Skin and body protection | : | Wear heat protective clothing for handling hot material. |
| Respiratory protection | : | In case of insufficient ventilation wear suitable respiratory equipment.<br>Use NIOSH approved respiratory protection. |
| Hygiene measures | : | Wash hands before breaks and at the end of workday.<br>Remove and wash contaminated clothing before re-use.<br>Keep working clothes separately. |

**Exposure Guidelines**

| Components | CAS-No. | Value | Control parameters | Update | Basis |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 10 mg/m3 | 2008 | ACGIH:US. ACGIH Threshold Limit Values |
| Further information : | Form of exposure : Inhalable particles. | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 3 mg/m3 | 2008 | ACGIH:US. ACGIH Threshold Limit Values |
| Further information | : | Form of exposure : Respirable particles. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | PEL : Permissible exposure limit | 15 mg/m3 All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3. | 02 2006 | OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Total dust. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | PEL : Permissible exposure limit | 5 mg/m3 All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3. | 02 2006 | OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Respirable fraction. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 15 mg/m3 | 1989 | Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Total dust. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 5 mg/m3 | 1989 | Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Respirable fraction. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 15 mg/m3 | 2000 | Z3:US. OSHA Table Z-3 (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Total dust. | | | |

| | | | | | |
|---|---|---|---|---|---|
| Particulates Not Otherwise Regulated | | TWA : time weighted average | 5 mg/m3 | 2000 | Z3:US. OSHA Table Z-3 (29 CFR 1910.1000) |
| Further information | : | Form of exposure : Respirable fraction. | | | |

Contains no substances with occupational exposure limit values.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Physical state | : | Wax like solid pellets powder |
| Color | : | white |
| Odor | : | Wax like mild |
| pH | : | Note: not applicable |
| Melting point/freezing point | : | 88 - 140 °C |
| Boiling point/boiling range | : | Note: not determined |
| Flash point | : | > 491 °F (255 °C)<br>Method: closed cup |
| Flammability | : | May form combustible dust concentrations in air |

| | | |
|---|---|---|
| lower flammability limit | : | Note: not applicable |
| upper flammability limit | : | Note: not applicable |
| Vapor pressure | : | Note: not applicable |
| Vapor density | : | Note: not applicable, (Air = 1.0) |
| Density | : | 0.85 - 1.00 g/cm3 |
| Water solubility | : | Note: negligible |
| Partition coefficient: n-octanol/water | : | Note: no data available |
| Ignition temperature | : | Note: not determined |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Chemical stability | : | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | : | Hazardous polymerisation does not occur. |
| Conditions to avoid | : | Heat, flames and sparks.<br>Avoid dust formation and electrical charging (sparking) because dust explosion might occur.<br>Avoid exposure to temperatures exceeding recommended processing conditions. Honeywell should be contacted if questions arise concerning specific processing conditions. |
| Incompatible materials to avoid | : | Strong oxidizing agents<br>Amines |

| | | |
|---|---|---|
| Hazardous decomposition products | : | In case of fire hazardous decomposition products may be produced such as:<br>Carbon monoxide<br>Carbon dioxide (CO2) |

## SECTION 11. TOXICOLOGICAL INFORMATION

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50: > 2,500 mg/kg<br>Species: rat |
| Further information | : | Note: Product dust may be irritating to eyes, skin and respiratory system. Thermal decomposition can lead to release of irritating gases and vapours. The molten product can cause serious burns. |

## SECTION 12. ECOLOGICAL INFORMATION

**Further information on ecology**

| | | |
|---|---|---|
| Additional ecological information | : | No information on ecology is available.<br>Not inherently biodegradable. |

## SECTION 13. DISPOSAL CONSIDERATIONS

| | | |
|---|---|---|
| Disposal methods | : | Observe all Federal, State, and Local Environmental regulations. |

## SECTION 14. TRANSPORT INFORMATION

**DOT** Not dangerous goods

| | |
|---|---|
| **TDG** | Not dangerous goods |
| **IATA** | Not dangerous goods |
| **IMDG** | Not dangerous goods |

## SECTION 15. REGULATORY INFORMATION

### Inventories

| | | |
|---|---|---|
| US. Toxic Substances Control Act | : | On the inventory, or in compliance with the inventory |
| Australia. Industrial Chemical (Notification and Assessment) Act | : | On the inventory, or in compliance with the inventory |
| Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL) | : | On the inventory, or in compliance with the inventory |
| Japan. Kashin-Hou Law List | : | On the inventory, or in compliance with the inventory |
| Korea. Toxic Chemical Control Law (TCCL) List | : | On the inventory, or in compliance with the inventory |
| Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act | : | On the inventory, or in compliance with the inventory |
| China. Inventory of Existing Chemical Substances | : | On the inventory, or in compliance with the inventory |
| NZIOC - New Zealand | : | On the inventory, or in compliance with the inventory |

**National regulatory information**

| | | |
|---|---|---|
| **SARA 302 Components** | : | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| **SARA 313 Components** | : | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| **SARA 311/312 Hazards** | : | No SARA Hazards |
| **California Prop. 65** | : | This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. |
| **WHMIS Classification** | : | Not Rated<br>This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. |

## SECTION 16. OTHER INFORMATION

| | | HMIS III | NFPA |
|---|---|---|---|
| Health hazard | : | 0 | 0 |
| Flammability | : | 1 | 1 |
| Physical Hazard | : | 0 | |
| Instability | : | | 0 |

Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

**Further information**

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. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

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