

MATERIAL SAFETY DATA SHEET
TP™ (Lead Free) Self Lubricating Bearings

DATE: FEB. 14, 2014

| 1. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION | | |
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| HAZARDOUS COMPONENTS (SPECIFY CHEMICAL, IDENTIFY ABD COMMON NAMES) | CAS # | PERCENTAGE (BY WEIGHT) |
| PTFE COMPOUNDS | 9002-84-0 | 1.2 TO 7.0 |
| TIN | n/a | 4.0 MAX |

| 2. MAIN HAZARDS: |
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| FINISHED COMPONENTS ARE SAFE FOR END USERS TO HANDLE AND INSTALL. |
| THE MATERIAL CONTAINS PTFE, WHICH ALTHOUGH NOT TOXIC CAN GIVE OFF HAZARDOUS DECOMPOSITION PRODUCTS AT ELEVATED TEMPERATURES (ABOVE 450C). |

| 3. PHYSICAL/CHEMICAL CHARACTERISTICS | |
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| APPEARANCE/ODOUR: | STEEL BACKING WITH A PLAN GRAY OVERLAY. ODOURLESS. |
| BOILING POINT | N/A |
| MELTING POINT: | STEEL: 1450C BRONZE: 1100C PTFE: 329C |
| FLASH POINT: | N/A |
| VAPOR PRESSURE | N/A |
| SOLUBILITY IN WATER | NONE |
| FLAMMABILITY: | N/A |

| 4. REACTIVITY AND STABILITY: | |
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| STABILITY: | STABLE |
| CONDITIONS TO BE AVOID: | STRONG ACIDS/BASES |
| THERMAL DECOMPOSITION: | TEMPERATURE GREATER THAN 400C. |

| 5. HEALTH HAZARD DATA | |
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| INHALATION: | YES, WHEN TEMPERATURE ABOVE 450C. |
| SKIN CONTACT: | AVOID LONG-TERM SKIN CONTACT. |
| EYE CONTACT: | AVOID CONTACT WITH EYES. SHOULD PARTICLE COME INTO CONTACT WITH EYES, WASH EYES WITH COPIOUS AMOUNTS OF WATER FOR A MIN. PERIOD OF 10 MINUTES. |

| 6. FIRST AID MEASURES | |
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| INHALATION: | IN CASE OF EXPOSURE TO PROCESSING FUMES: REMOVE FROM EXPOSURE AND KEEP UNDER MEDICAL REVIEW FOR POSSIBLE DEVELOPMENT OF POLYMER FUME FEVER. FOLLOWING SEVERE EXPOSURE THE PATIENT SHOULD BE KEPT UNDER MEDICAL REVIEW FOR AT LEAST 48 HOURS AS DELAYED PULMONARY OEDEMA MAY DEVELOP. |
| SKIN: | IN CASE OF CONTACT WITH HOT MATERIAL IMMEDIATELY FLOOD THE AFFECTED AREA WITH COLD WATER AND OBTAIN IMMEDIATE MEDICAL ATTENTION. |
| EYE CONTACT: | IN CASE OF CONTACT WITH HOT MATERIAL FLOOD THE AFFECTED AREA WITH COLD WATER AND OBTAIN IMMEDIATE MEDICAL ATTENTION. |
| INGESTION: | IN THE EVENT OF THIS SUBSTANCE BEING INGESTED. DO NOT INDUCE VOMITTING, OBTAIN IMMEDIATE MEDICAL ASSISTANCE. |
| MEDICAL TREATMENT: | TREATMENT IS SYMPTOMATIC. |

7. SAFE HANDLING AND STORAGE

NORMAL STORAGE AND HANDLING:

AFTER HANDLING STRIP MATERIAL OR FINISHED COMPONENTS, HANDS MUST BE WASHED TO PREVENT TRANSFER OF PTFE TO FOOD OR TOBACCO PRODUCTS.
STORE IN A DRY WELL-VENTILATED AREA.

SPILLS: SPILLAGE OF THIS MATERIAL OR COMPONENTS REQUIRES NO SPECIAL MEASURES AT AMBIENT TEMPERATURE. RETURN SPILLAGES TO A SUITABLE CONTAINER.

8. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

UNLIKE TO IGNITE EXCEPT IN HIGH HEAT FLUX CONDITIONS.

FIRE-FIGHTING PROTECTIVE EQUIPMENT :

SELF-CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING SHOULD BE WORN IN FIRE CONDITIONS.

9. SARA TITLE III INFORMATION

THIS IS FULLY CURED PRODUCT, HOWEVER, IT MAY CONTAIN TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE, AND MAY THEREFORE BE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313, TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372 IF PRESENT OR USED IN SUFFICIENT QUANTITIES.

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