

■ MATERIAL SAFETY DATA SHEET

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| Manufacturer: | Kon Corporation |
| Address: | 91-1150aza Miyano, Yamauchi-cho, Kishima-gun, Saga-prefecture, Japan |
| Research and Development: | Titanium business department |
| Manager: | Takaharu Fujii |
| Phone: | 095-420-7092 |
| Fax: | 095-420-7116 |
| In case of emergency contact: | Quality control department |
| Phone: | 095-420-7092 |

Serial number
Date issued July 20th, 2002.
Product name PTA-170

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| Material specifications | Chemical name: Peroxotitanium acid 1.70w% Content of the components: Peroxotitanic acid Components: New semi micro chemical substance: 5495 (Registered number to Japanese Ministry of Economy Trade and Industry) CAS Number Not listed |
| Hazardous or Poisonous nature | Classification: Non hazardous (Innocuous material) Hazardousness: None Poisonous contents: None Environmental effect: None |
| In case of | Contact with eyes: Clean out eyes with water Contact with skin: Clean affected area with water Inhaling: Clean nose with water and then gargle to dean throat. Ingestion: Gargle with water and then drink |
| In case of fire | Fire extinguishing procedure: None (Non flammable) Fire extinguishing material: None needed (Non flammable) |
| In case of leaking | Wipe off or wash affected area with water |
| Storage | Store in a cool and dark place. Can not be refrigerated. |
| Physical and Chemical properties | Appearance: Yellowish suspended solution Odor: None True Specific gravity: 1.0 Boiling point: 100°C Volatility: Solubility: None Dissolve in water but not in oil |

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| Serial number | July 20th, 2002. |
| Date issued | PTA-170 |
| Product name | |
| Hazardous information | Combustibility: Incombustibility Flammability: None Explosive: None Stability: Stable Skin corrosiveness: None Irritability: Sub acute toxicity: None Acute toxicity: None Cancer causing: Non cancer causing |
| Environmental Affect ness | Degradability: None Accumulative: None Fish-toxicity: None |
| Chemical disposal | Drain into sewage disposal treatment tank or use regular water sewage system. |
| Transport handling | Leakage of liquid from container may happen. |