

**SAFETY DATA SHEET**

**Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Drum  
 Manufacturer  
     Name :Katun Corporation  
     Address :10951 Bush Lake Rd, Minneapolis, MN 55438  
     Telephone Number :952-941-9505

**Section 2. HAZARDS IDENTIFICATION**

Classification of GHS : Not applicable  
 Physical and Chemical Hazard : No significant hazards associated with this product  
 Potential Health Effects : No significant hazards associated with this product  
 Environmental Effects : No significant hazards associated with this product

**Section 3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Name             | wt% | CAS No.     | OSHA PEL              | ACGIH TLV                  |
|---------------------------|-----|-------------|-----------------------|----------------------------|
| Aluminum cylinder         | >97 | 7429-90-5   | 15mg/m <sup>3</sup> * | 10mg/m <sup>3</sup> (TWA)* |
| Binder Resin              | <1  | Proprietary | -----                 | -----                      |
| Photopconductive material | <1  | Proprietary | -----                 | -----                      |
| Colorant                  | <1  | Proprietary | -----                 | -----                      |
|                           |     | -----       | -----                 | -----                      |
|                           |     | -----       | -----                 | -----                      |

\* Listed not as aluminum tube but as aluminum dust

**Section 4. FIRST AID MEASURES**

First Aid Measures  
     Ingestion : Not applicable under normal use  
     Inhalation : Not applicable under normal use  
     Eye contact : Not applicable under normal use  
     Skin contact : Not applicable under normal use

**Section 5. FIRE FIGHTING MEASURES**

Extinguish Media : CO<sub>2</sub>, Dry chemicals  
 Special Fire Fighting Procedures :  
     Use self contained breathing apparatus and full protection against dust and fumes  
     in case that a large quantity of drums produces fumes or vapors at a high temperature.  
 Unusual Fire and Explosion Hazards : None under normal storage and use conditions.

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### Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : No special precaution  
 Environmental Precautions : No special precaution  
 Method for Cleaning Up : No special precaution

### Section 7. HANDLING AND STORAGE

Handling : No special precaution concerning safety  
 Storage : To keep the function of the drum, store in moderately cool,  
 dark and dry place

### Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines : None  
 Engineering Controls : Not required under normal use  
 Personal Protection Equipment(s)  
     Respiratory Protection : Not required under normal use  
     Eye/Face Protection : Not required under normal use  
     Skin Protection : Not required under normal use

### Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Personal Protection Equipment(s)  
 Appearance : Green cylinder  
 Odor : No odor  
 pH : Not applicable  
 Boiling Point : No data available  
 Melting Point : No data available  
 Decomposition Temperature : No data available  
 Flash point : No data available  
 Flammable (explosive) Limits : Not applicable  
 Autoignition Temperature : No data available  
 Flammability : Not applicable  
 Explosive Properties : Not applicable  
 Oxidizing Properties : Not applicable  
 Vapor pressure : Not applicable  
 Vapor density : Not applicable  
 Density/Specific Gravity : 2.7(H<sub>2</sub>O=1)  
 Water Solubility : Negligible  
 Fat Solubility : No data available  
 Partition Coefficient (n-Octanol/Water) : No data available  
 Percent Volatile : No data available  
 Evaporation Rate : No data available

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### Section 10. STABILITY AND REACTIVITY

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|                                  |  |
|----------------------------------|--|
| Stability                        | : Stable                                       |
| Conditions to avoid              | : No data available                            |
| Materials to Avoid               | : Strong oxidizing agents and organic solvents |
| Hazardous Decomposition Products | : None under normal use                        |
| Hazardous Polymerization         | : Will not occur                               |
| Conditions to avoid              | : No data available                            |

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### Section 11. TOXICOLOGICAL INFORMATION

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|                           |  |
|---------------------------|--|
| Acute Oral Toxicity       | : No data available  |
| Acute Dermal Toxicity     | : No data available  |
| Acute Inhalation toxicity | : No data available  |
| Acute skin irritation     | : No data available  |
| Skin sensitization        | : No data available  |
| Mutagenecity              | : Negative in Ames Test (coating material)   |
| Reproductive Toxicity     | : No reproductive toxicity according to MAK, Proposition 65,<br>TRGS 905 and EU directive.   |
| Acute eye irritation      | : No data available  |
| Carcinogenecity           | : No carcinogen or potential carcinogen according to IARC,<br>Japan Association on Industrial Health, ACGIH, EPA, OSHA,<br>NTP, ILO, MAK, Proposition 65, TRGS 905 and EU Directive. |
| Others                    | : None   |

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### Section 12. ECOLOGICAL INFORMATION

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|                           |                     |
|---------------------------|---------------------|
| Mobility                  | : No data available |
| Persistence Degradability | : No data available |
| Bioaccumulation           | : No data available |
| Ecotoxicity               | : No data available |
| Other Adverse Effect      | : No data available |

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### Section 13. DISPOSAL CONSIDERATIONS

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|--------------------|--|
| Method of Disposal | : OPC drum may be disposed as the waste aluminum<br>in accordance with local, state and federal regulations. |
|--------------------|--|

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### Section 14. TRANSPORT INFORMATION

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|                    |        |
|--------------------|--------|
| UN No.             | : None |
| UN Shipping Name   | : None |
| UN Classification  | : None |
| UN Packing Group   | : None |
| Special Precaution | : None |

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### Section 15. REGULATORY INFORMATION

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Label information according to the Directives 1999/45/EC and 67/548/EEC (EU)

|                        |                |
|------------------------|----------------|
| Symbol and Indication  | : Not required |
| R-Phrase               | : Not required |
| S-Phrase               | : Not required |
| Dangerous Component(s) | : None         |
| Other                  | : None         |

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### Section 16. CONTACT ROUTE

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|                        |                                |
|------------------------|--------------------------------|
| Contact department     | : Quality assurance department |
| Contact person         | : Makoto Ogawa                 |
| Dangerous Component(s) | : None                         |

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### Section 17. OTHER INFORMATION

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To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.