

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 | 99.11 | 7429-90-5 | 15mg/m ³ * | 10mg/m ³ (TWA)* |
| Titanium Dioxide | <0.5 | 13463-67-7 | 15mg/m ³ * | 10mg/m ³ (TWA)* |
| Phthalocyanine Compound | <0.5 | ----- | ----- | ----- |
| Aromatic amine compound | <1.0 | ----- | ----- | ----- |
| Polycarbonate resin | <1.0 | ----- | ----- | ----- |
| Silicon oil | <0.1 | ----- | ----- | ----- |

* 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 : CO₂, 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(H₂O=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

| | |
|----------------------------------|--|
| 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 |

Section 11. TOXICOLOGICAL INFORMATION

| | |
|---------------------------|--|
| 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, TRGS 905 and EU directive. |
| Acute eye irritation | : No data available |
| Carcinogenecity | : No carcinogen or potential carcinogen according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, ILO, MAK, Proposition 65, TRGS 905 and EU Directive. |
| Others | : None |

Section 12. ECOLOGICAL INFORMATION

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

Section 13. DISPOSAL CONSIDERATIONS

| | |
|--------------------|--|
| Method of Disposal | : OPC drum may be disposed as the waste aluminum in accordance with local, state and federal regulations. |
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Section 14. TRANSPORT INFORMATION

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

Section 15. REGULATORY INFORMATION

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 |

Section 16. CONTACT ROUTE

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

Section 17. OTHER INFORMATION

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.