

**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	<99wt%	7429-90-5	15mg/m <sup>3</sup> *	10mg/m <sup>3</sup> (TWA)*
Polycarbonates	<3wt%	-----	-----	-----
Polyvinyl Butyral	<3wt%	-----	-----	-----
Pigments	<3wt%	-----	-----	-----
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\* 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

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

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### Section 7. HANDLING AND STORAGE

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

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### Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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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

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### Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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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, 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

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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 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.