SAFETY DATA SHEET

Issuing Date	6/1/2015	**Revision Date**	6/1/2015	**Revision Number**	1

1. IDENTIFICATION

Product Identifier

Product Name **NP55K, NP56J**

Other means of identification

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended use Adhesive

Uses advised against

Details of the supplier of the safety data sheet

Supplier Name Yasutomo Inc.

Supplier Address 1805 Rollins Road
Burlingame, CA
94010

Supplier Phone Number 650 737 8888

Supplier Email yasutomo490@gmail.com

Emergency telephone number 650 737 8888

2. HAZARDS IDENTIFICATION

Classification

GHS Label elements, including precautionary statements

Emergency Overview

Signal word Warning!

Hazard Statements

Appearance White **Physical State** Semi-viscous **Odor** None

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazard not otherwise classified (HNOC)

NA

Unknown Toxicity

None

Other information

No information available

Interactions with Other Chemicals

NA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Sodium Benzoate	532-32-1	1-5%	*
Aluminum Sulfate	10043-01-3	>1%	*
Water	7732-18-5	75-80%	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Eye Contact Rinse thoroughly with plenty of water. If symptoms persist, call a physician.

Skin Contact Wash with soap and water.

Inhalation Remove to fresh air.

Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do

Most Important symptoms and effects, both acute and delayed

Most Important symptoms and effects No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

It may not be obvious that carbon black is burning unless the material is stirred and sparks are apparent.

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing appartus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes. Wet carbon black produces slippery walking surfaces.

Other information Refer to protective measures listed in Sections 7 and 8

Environmental Precautions

Environmental Precautions Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Clean up promptly by vacuum. HEPA filtration is recommended.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not breathe dust. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a cool, dry, well-ventilated area.

Incompatible products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum Sulfate 10043-01-3	TWA: 1 mg/m3 respirable fraction	TWA: 15 mg/m3 total dust TWA: 3.5 mg/m3 respirable fraction	_

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines NA

Appropriate engineering controls

Engineering Measures Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with shields. Goggles.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection Wear Air-Purifying Respirator if exposure exceeds occupational exposure limits. Respirators should by NIOSH/OSHA approved.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Semi-viscous

Appearance White

Color No information available

Odor None

Odor Threshold NA

Property	Values	Remarks Method
pH	No data available	None known
Melting/Freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Fammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Insoluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient:	No data available	None known
Autoignition temperature	>140 C	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available

Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity

May react exothermically upon contact with strong oxidizers.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Do not expose to temperatures above 300 C. Keep away from oxidixing agents.

Incompatible materials

Strong Oxidizers such as chlorates, bromates, and nitrates.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 ml/kg (Rat)	–	–
Aluminum Sulfate 10043-01-3	> 6207 mg/kg (mouse)	–	–
Sodium Benzoate 532-32-1	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 2069 ppm (Rat)

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity No information available.

Reproductive Toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Chronic Toxicity	No information available
Target Organ Effects	No information available
Aspiration Hazard	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

Sodium Benzoate 532-32-1	EC50: > 30.5 mg/L 72h (Pseudokitchneriella subcapitata)	LC50: > 484 mg/L 96 hr (Fathead Minnow)		96h LC50: > 100 mg/L

Persistance and Degradability

Not expected to degrade

Bioaccumulation

Not expected due to physicochelical properties of the substance

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods Dispose of contents/containers in accordance with local regulations.

Contaminated Packaging

Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT	Not Regulated
TDG	Not Regulated
MEX	Not Regulated
ICAO	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated
RID	Not Regulated
ADR	Not Regulated
AND	Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Ammendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to release of this material.

16. OTHER INFORMATION

NFPA	**Health Hazards**	**3**	**Flammability**	**0**	**Instability**	**0**	**Physical and Chemical Hazards -**
HMIS	**Health Hazards**	**1***	**Flammability**	**0**	**Physical Hazard**	**0**	**Personal Protection X**

Chronic Hazard Star Legend * = Chronic Health Hazard

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet