

2037.

RA 01591
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SAFETY DATA SHEET	
Issuing Date	6/1/2015
Revision Date	6/1/2015
Revision Number	1
1. IDENTIFICATION	
Product Identifier	
Product Name	SSB700, SSB900
Other means of identification	
Synonyms	NONE
Recommended use of the chemical and restrictions on use	
Recommended use	Artistic Medium
Uses advised against	No information available
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	
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Carcinogenicity	Category 1A
GHS Label elements, including precautionary statements	
Emergency Overview	
Signal word	Danger
Hazard Statements	
May cause cancer	



Appearance Black Powder or Pellets **Physical State** Solid **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

Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Carbon Black	1333-86-4	>99%	*

* 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 not induce vomiting.

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 apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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
Carbon Black 1333-86-4	TWA: 3 mg/m3 inhalable fraction	TWA: 3.5 mg/m3 (vacated) TWA: 3.5 mg/m3	IDLH: 1750 mg/m3 TWA: 3.5 mg/m3 TWA: 0.1 mg/m3 Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
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			
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters			
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 be 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	Solid		
Appearance	Black Powder or Pellets	Odor	None
Color	No information available	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	
<u>Other Information</u>		
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 oxidizing 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
Carbon Black 1333-86-4	> 8000 mg/kg (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

The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Carbon Black 1333-86-4	A3	Group 2B		x

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Dept of Labor)*X - Present*

Reproductive Toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Chronic Toxicity	Contains a known or suspected carcinogen. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.
Target Organ Effects	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Bladder. Blood. Central Nervous System (CNS). Kidney. Liver. Lungs. Lymphatic System.
Aspiration Hazard	No information available

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

NA

ATEmix (inhalation-dust/mist)

NA

ATEmix (inhalation-vapor)

NA

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)
Carbon Black 1333-86-4	EC50:>10000 mg/L 72h (Scenedesmus subspicatus)	LC50: >1000 mg/L 96 hr (Brachydanio Rerio)		24h EC50: >5600 mg/L

Persistence and Degradability

Not expected to degrade

Bioaccumulation

Not expected due to physicochemical 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 Amendments 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.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Carbon Black 1333-86-4	X	X	X		X

International Regulations	
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Mexico

National Occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Carbon Black 1333-86-4 (1-5)		Mexico: TWA = 3.5 mg/m3 Mexico: STEL = 7 mg/m3

Mexico - Occupational Exposure Limits - Carcinogens

16. OTHER INFORMATION

NFPA	Health Hazards	1	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