

**SAFETY DATA SHEET** 01251-XXXX

<b>Issuing Date</b>	6/1/2016	<b>Revision Date</b>	6/1/2016	<b>Revision Number</b>	1
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**1. IDENTIFICATION**


<b>Product Identifier</b>	
<b>Product Name</b>	NFP200's, NFP250's, NFP300's
<b>Other means of identification</b>	
<b>Synonyms</b>	NONE
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	Artistic Medium
<b>Uses advised against</b>	
<b>Details of the supplier of the safety data sheet</b>	
<b>Supplier Name</b>	Yasutomo Inc.
<b>Supplier Address</b>	1805 Rollins Road Burlingame, CA 94010
<b>Supplier Phone Number</b>	650 737 8888
<b>Supplier Email</b>	<a href="mailto:yasutomo490@gmail.com">yasutomo490@gmail.com</a>
<b>Emergency telephone number</b>	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
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**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal word</b>	Danger		
<b>Hazard Statements</b>	May cause cancer		
			
<b>Appearance</b>	Black Powder or Pellets	<b>Physical State</b>	Solid
		<b>Odor</b>	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	15-20%	*
Benzoic Acid	65-85-0	1-5%	*
Sodium Carboxymethyl Cellulose	9004-32-4	1-5%	*
Shellac Flakes	9000-59-3	45-50%	*
Citric Acid	77-92-9	1-5%	*
Water	7732-18-5	45-50%	*

\* 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/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic
Shellac Flakes 9000-59-3	—	TWA: 15 mg/m <sup>3</sup> (Inhalation) TWA: 5 mg/m <sup>3</sup> (Inhalation Respirable)	—

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** Solid

**Appearance** Black Powder or Pellets

**Color** No information available

**Odor** None

**Odor Threshold** NA

**Property**

**pH**

**Melting/Freezing point**

**Boiling point / boiling range**

**Values**

No data available

No data available

No data available

**Remarks Method**

None known

None known

None known

<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Fammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	No data available	None known
<b>Water Solubility</b>	Insoluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient:</b>	No data available	None known
<b>Autoignition temperature</b>	>140 C	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

**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**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	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)	–	–

Water 7732-18-5	> 90 ml/kg (Rat)	-	-
Citric Acid 77-92-9	> 5040 mg/kg (mouse)	-	-
Sodium Carboxymethyl Cellulose 9004-32-4	> 27000 mg/kg (rat)	-	5800 mg/m <sup>3</sup> 4hr (Rat)
Benzoic Acid 65-85-0	> 2565 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 12.2 mg/l 4hr (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.

**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
Citric Acid 77-92-9	EC50:> 640 mg/L 72h (Scenedesmus quadricauda)	LD0: > 625 mg/L lifetime exposure (Goldfish)		LD100: 120 mg/l Lifetime exposure
Benzoic Acid 65-85-0		LC50: > 44.6 mg/L 96 hr (Bluegill Sunfish)		48h EC50: > 100 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**

<b>DOT</b>	Not Regulated
<b>TDG</b>	Not Regulated
<b>MEX</b>	Not Regulated
<b>ICAO</b>	Not Regulated
<b>IATA</b>	Not Regulated
<b>IMDG/IMO</b>	Not Regulated
<b>RID</b>	Not Regulated
<b>ADR</b>	Not Regulated
<b>AND</b>	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
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Carbon Black 1333-86-4	X	X	X		X
Shellac Flakes 9000-59-3	X				

**International Regulations**

Mexico

National Occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Carbon Black 1333-86-4 (1-5)		Mexico: TWA = 3.5 mg/m <sup>3</sup> Mexico: STEL = 7 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

16. OTHER INFORMATION							
<b>NFPA</b>	<b>Health Hazards</b>	<b>1</b>	<b>Flammability</b>	<b>0</b>	<b>Instability</b>	<b>0</b>	<b>Physical and Chemical Hazards - Personal Protector X</b>
<b>HMIS</b>	<b>Health Hazards</b>	<b>1*</b>	<b>Flammability</b>	<b>0</b>	<b>Physical Hazard</b>	<b>0</b>	

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**