

# SAFETY DATA SHEET

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1

## 1. IDENTIFICATION

### Product Identifier

**Product Name**

NPWC16, NPWC21

### 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](mailto: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)

Carinogenicity

Categort 1A

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal word**

Danger

**Hazard Statements**

May cause cancer



**Appearance**

Multiple Colors

**Physical State**

Solid

**Odor**

Characteristic

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

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

31.6% of the mixture consists of ingredient(s) of unknown toxicity

### 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
Mica	12001-26-2	10-30%	*
Titanium Dioxide	13463-67-7	5-10%	*
Pigment green 36	14302-13-7	1-5%	*
Phthalocyanine green	1328-53-6	1-5%	*
Phthalocyanine blue	147-14-8	1-5%	*
Methyl violet	1325-82-2	1-5%	*
Manganese, [4-[(4-chloro-3-sulfophenyl) azo]-3-hydroxy-2-naphthalenecarboxylato(2-)]-	64552-28-9	1-5%	*
Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-)-N29, N30, N31, N32]-, barium (1:1)	67340-41-4	1-5%	*
Carbon Black	1333-86-4	1-5%	*
Butanamide, 2, 2'-[[2,3'-dichloro[1,1'-biphenyl]-4, 4'-diyl	5468-75-7	1-5%	*
3H-Pyrazol-3-one, 4, 4'-[[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl] bis(azo)] bis[2,4-dihydro-5-methyl-2-phenyl-	3520-72-7	1-5%	*

\* 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, also under the eyelids. 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.

### 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

No information available

## 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.

**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** Pick up and transfer to properly labeled containers.

## 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 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.

**Incompatible products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mica 12001-26-2	TWA: 3 mg/m <sup>3</sup>	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m <sup>3</sup> (vacated)	IDLH: 1500 mg/m <sup>3</sup> containing <1% quartz TWA: 3 mg/m <sup>3</sup> respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Pigment green 36 14302-13-7	TWA: 1mg/m <sup>3</sup> Cu dust and mist	–	IDLH: 100mg/m <sup>3</sup> Cu dust and mist TWA 1 mg/m <sup>3</sup> Cu dust and mist
Phthalocyanine green 1328-53-6	TWA: 1mg/m <sup>3</sup> Cu dust and mist	–	IDLH: 100mg/m <sup>3</sup> Cu dust and mist TWA 1 mg/m <sup>3</sup> Cu dust and mist
Phthalocyanine blue 147-14-8	TWA: 1mg/m <sup>3</sup> Cu dust and mist	–	IDLH: 100mg/m <sup>3</sup> Cu dust and mist TWA 1 mg/m <sup>3</sup> Cu dust and mist
Manganese, [4-[(4-chloro-3-sulfophenyl) azo]-3-hydroxy-2-naphthalenecarboxylato(2-)]- 64552-28-9	–	(vacated) Ceiling: 5 mg/m <sup>3</sup> Ceiling: 5 mg/m <sup>3</sup> Mn	IDLH: 500 mg/m <sup>3</sup> Mn TWA: 1 mg/m <sup>3</sup> Mn STEL: 3 mg/m <sup>3</sup> Mn
Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-N29, N30, N31, N32)-, barium (1:1) 67340-41-4	TWA: 0.5 mg/m <sup>3</sup> Ba TWA: 1 mg/m <sup>3</sup> Cu dust and mist	TWA: 0.5 mg/m <sup>3</sup> Ba (vacated) TWA: 0.5 mg/m <sup>3</sup> Ba	IDLH: 100 mg/m <sup>3</sup> Cu dust and mist TWA: 0.5 mg/m <sup>3</sup> except Barium sulfate Ba TWA: 1 mg/m <sup>3</sup> Cu dust and mist
Carbon Black 1333-86-4	TWA: 3 mg/m <sup>3</sup> Cu 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 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

Showers, Eyewash stations, Ventilation systems

### Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

No special protective equipment required.

#### Skin and Body Protection

Wear protective gloves and protective clothing.

#### Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### 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 Multiple Colors

Odor Characteristic

Color No information available

Odor Threshold No information available

### 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

Soluble in water

None known

Solubility in other solvents

No data available

None known

Partition coefficient:

No data available

None known

Autoignition temperature

No data available

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

No data available

### 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**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**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
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Phthalocyanine green 1328-53-6	> 3000 mg/kg (Rat)	-	-
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-

**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
Titanium Dioxide 13463-67-7		Group 2B		X
Carbon Black 1333-86-4	A3	Group 2B		X
Butanamide, 2, 2'-[(2,3'-dichloro[1,1'-biphenyl]-4, 4'-diyl 5468-75-7		Group 1	Known	X
3H-Pyrazol-3-one, 4, 4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)] bis[2,4-dihydro-5-methyl-2-phenyl- 3520-72-7		Group 1	Known	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*

<b>Reproductive Toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available
<b>Chronic Toxicity</b>	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)**

18,587.00 mg/kg

**ATEmix (inhalation-dust/mist)**

78.90 mg/l

**ATEmix (inhalation-vapor)**

579.00 ATEmix

**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)
Phthalocyanine green 53-6 1328-		96h LC50: = 752.4 mg/L (Lepomis macrochirus)	EC50 > 10000 mg/L 30 min	24h EC50: >500 mg/L
Phthalocyanine blue 14-8 147-		48h LC50: > 100 mg/L (Oryzias latipes)		
Carbon Black 1333-86-4				24h EC50: >5600 mg/L

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Phthalocyanine blue 147-14-8	6.6

**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.

**California Hazardous Waste Codes** 135

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste
Pigment green 36 14302-13-7	Toxic
Phthalocyanine green 1328-53-6	Toxic
Phthalocyanine blue 147-14-8	Toxic

Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-)-N29, N30, N31, N32]-, barium (1:1) 67340-41-4	Toxic Toxic Soluble
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#### 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

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight - %	SARA 313 - Threshold Values %
Pigment Green	14302-13-7	1-5%	1.0
Phthalocyanine green	1328-53-6	1-5%	1.0
Phthalocyanine blue	147-14-8	1-5%	1.0
Manganese, [4-[(4-chloro-3-sulfophenyl) azo]-3-hydroxy-2-naphthalenecarboxylato(2-)]-	64552-28-9	1-5%	1.0
Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-)-N29, N30, N31, N32]-, barium (1:1)	67340-41-4	1-5%	1.0

##### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

##### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pigment Green		X		

Phthalocyanine green		X		
Phthalocyanine blue		X		
Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-)-N29, N30, N31, N32]-, barium (1:1)		X		

### 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
Mica 12001-26-2	X	X	X		
Titanium Dioxide 13463-67-7	X	X	X		
Carbon Black 1333-86-4	X	X	X		X

### International Regulations

Mexico

National Occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Mica 12001-26-2 (10-30)		Mexico: TWA = 3 mg/m <sup>3</sup>
Titanium Dioxide 13463-67-7 (5-10)		Mexico: TWA = 10 mg/m <sup>3</sup> Mexico: STEL = 20 mg/m <sup>3</sup>
Cuprate(2-), [29H, 31H-phthalocyanine-C, C-disulfonato(4-)-N29, N30, N31, N32]-, barium (1:1) 67340-41-4 (1-5)		Mexico: TWA = 0.5 mg/m <sup>3</sup>
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

Canada

WHMIS Hazard Class

D2A - Very toxic materials



### 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**