MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

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EMERGENCY TELEPHONE NUMBER 1-(800)-424-9300

DATE PREPARED 2.02.11	**SIGNATURE OF PREPARER (OPTIONAL)**

SECTION 1 CHEMICAL PRODUCT / NAME

Product/chemical name:	**Panasonic UG3313**	**02-36-5014**
General use:	Laser printer	

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name:	**%**	**CAS Number**	**HMIS**
Styrene Acrylate Copolymer	40-60	Trade Secret	
Iron Oxide	35-55	Trade Secret	H 0
			F 1
			R 0
			PPE

NO HAZARDOUS MATERIALS PRESENT

SECTION 3 HAZARDOUS IDENTIFICATION

Emergency Overview:	This mixture is a fine Black powder with no or slight plastic-like odor. This mixture may cause irritation of the respiratory system, eyes, and skin. Like most organic powders, an explosion can occur if particles form thick clouds
Acute Health Effects:	
Eye Contact:	Irritation may occur by mechanical abrasion
Skin Contact:	Minimal skin irritation may occur
Inhalation:	Slight irritation of respiratory tract any occur with exposure to large amounts of toner dust
Carcinogenocity:	Carbon Black is listed by IARC as a group B (possibly carcinogenic to human), but this classification is based on rat "lung particle overload" studies. IARC monograph col. 93 states that no significant exposure to carbon black is thought to occur during the use of this product in which carbon black is bound to other materials such as rubber, printing ink, or paper Carbon Black in this mixture is in a bound form.
Ingestion:	Ingestion is an unlikely route of entry under normal conditions of use

SECTION 4 FIRST AID MEASURES

Immediate medial attention may be required in the unlikely event of extreme inhalation, eye contact, or unusual reaction due to physical idiosyncrasy of the person

Inhalation:	Provide fresh air immediately. If symptoms occur, seek medical advice.
Skin Contact:	Wash out particles with plenty of water and soap. If irritation develops, seek medical advice
Eye Contact:	Do not rub eyes. Immediately rinse with plenty of clean running water until particles are washed out. If irritation persists, seek medical advice.
Ingestion:	Clean mouth out with water. Drink several glasses of water. If sickness develops, seek medical advice

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, water, foam, dry chemical
Special Exposure Hazards Arising From the Mixture Itself, Combustion Products, or Resulting Gases	Toner, like most organic powders, is capable of creating a dust explosion when particles are dispersed. Carbon monoxide and carbon dioxide are hazardous resulting gases

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid dust formation. Do not breathe dust. Wear personal protective equipment as described in section 8
Environmental Precautions:	Do not discharge into drains
Methods for Cleaning Up:	Eliminate sources of ignition and flammables. Vacuum or sweep the material into a sealed container. If a vacuum is used, it must be dust explosion-proof. Dispose of the material in accordance with Federal/state/local requirements

SECTION 7 HANDLING AND STORAGE

Handling Precautions:	Keep out of reach of children. Avoid dust formation. Handle in adequately ventilated area. Do not breathe dust. Do not get in eyes or on skin. Keep away from excessive heat and sources of ignition such as sparks and open flames. Equipment should be electrically grounded before operation
Storage:	Keep out of reach of children. Keep container closed and store at room temperature. Keep away from excessive heat and sources of ignition such as sparks and open flames. Do not store with strong oxidizers

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Controls:	Good general ventilation should be sufficient under normal conditions of use. Gloves are recommended. Protective goggles or safety glasses are recommended. Personal respiratory mask is not required under normal conditions but a respirator is needed in case of dust formation
Environmental Controls:	Not applicable

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine Black powder	**Vapor Pressure:**	
Odor:	None or slight plastic	**Specific Gravity:**	1.0 ~ 1.5 (water =1)
pH:	Not Applicable	**Solubility:**	Partially soluble in Toluene and Tetrahydrofuran
Boling Point:	Not Applicable		
Flash Point:	Not Applicable	**Water Solubility:**	Negligible
Flammability:	Not Applicable	**Viscosity:**	Not Applicable
Explosive Properties:	Not Applicable	**Vapor Density:**	Not Applicable
Oxidizing Properties:	Not Applicable	**Evaporation Rate:**	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

This material is stable under normal conditions of use and storage. No hazardous polymerization will occur. No significant reaction will occur with air or water at room temperature.

Conditions to Avoid:	Excessive heat & dust formation
Materials to Avoid:	Strong oxidizers, which could vigorously oxidize organic materials in this mixture and cause a fire in an extreme case
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide when combusted

SECTION 11 TOXICOLOGICAL INFORMATION

According to our test results of this or similar mixture and the information provided by the suppliers about the substances contained in this mixture, seriously damaging effect is not expected when this mixture is treated in accordance with standard industrial practices and Federal/state/local requirements. Refer to section for potential health effects and Section 4 for first aid measures.

Oral:	No test data available
Inhalation:	No test data available EU Directive 67/548/EEC
Dermal:	No test data available EU Directive 67/548/EEC
Eye Irritation:	No test data available
Skin Irritation:	No test data available
Sensitization:	No test data available EU Directive 67/548/EEC
Chronic Toxicity:	No test data available EU Directive 67/548/EEC
Mutagenocity:	Ames test Negative
Carcinogenocity:	No test data available EU Directive 67/548/EEC
Reproductive Toxicity:	No test data available EU Directive 67/548/EEC

SECTION 12 ECOLOGICAL INFORMATION

According to our test results or this or similar mixture and the information provided by the suppliers about the substances contained in this mixture, this mixture is not expected to be harmful to ecology

Ecotoxicity:	No data available
Mobility:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Results of PBT assessment	Not applicable
Other Adverse Effects:	None Known

SECTION 13 DISPOSAL CONSIDERATIONS

This mixture may be land filled or incinerated in compliance with all Federal/state/local provisions. Do not dump this product into sewers, on the ground, or into any body of water.

SECTION 14 TRANSPORT INFORMATION

Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.

SECTION 15 REGULATORY INFORMATION

All substances in this mixture are listed or exempted in accordance with TSCA

Labeling according to EU Directive 67/548/EEC

R & S Phrases:	Not required	**Hazard symbol:**	Not required

SECTION 16 OTHER INFORMATION

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