



PN T272J, R717J,W457M

Dell 2145cn Printer Toner Cartridge

Material Safety Data Sheets are not required for print cartridges. For customer convenience, Dell provides product information in this familiar format.

Section 1 - Product and Company Identification

Product Name: Dell 2145cn Printer toner cartridge **Manufacturer:** : Dell Computer Corporation
Product ID: T272J,R717J,W457M
Chemical Family: Toner Cartridge
Application: Dell 2145cn Color Laser MFP **Information:**1-800-W W W-DELL
Prepared By: Product Environmental Programs **Emergency::** 1-800-833-6616

Section 2 - Composition / Information on Ingredients

Ingredients	Percent (wt.)	CAS Number
Polyester Resin	70-90	Trade secret
Wax	1-10	Trade secret
Carbon black pigment	1-10	1333-86-4
Silica	1-5	Trade secret

Section 3 - Hazards Identification

Most Important Hazards:

FirE And Explosion Hazard: May cause risk of dust explosion.

Potential Health Effects: To the best of our investigation, No special hazards have to be

Environmental Effects: To the best of our investigation, No special hazards have to be

Class Name For MSDS In Japan:

Section 4 - First Aid Measures

In case of Inhalation: Remove person to fresh air. If necessary seek medical attention.

In case of Skin Contact: Wash material off the skin with plenty of water and soap. If necessary seek medical attention.

In case of Eye Contact: Immediately hold eyelids open and flush with a stream of water for at least 15minutes. If necessary seek medical attention.

In case of Ingestion: Seek medical attention. Never give anything by mouth to an unconscious person. If possible, rinse out mouth and give one or two glasses of water or milk to drink.

Section 5 - Fire Fighting Measures

Extinguishing Measures: Risk of producing harmful gases such as carbon monoxide and nitrogen oxides. Avoid inhalation of smoke or gases

Extinguishing Agents: In case of small fire use powder, carbon dioxide
In case of large fire shut off air by spraying with water or foam

Section 6 - Accidental Release Measures

: In case of spill vacuum material immediately. Then wipe up remainder in waste cloth.

Section 7 - Handling and Storage

Handling : Fight fire from upwind position.
Avoid inhalation of dust.
Prevent generation of dust
Avoid inhalation of fine dust .

Storage : Protect from sun. Store in a cool room.(under 40 C)

Section 8 - Exposure Controls / Personal Protection

ACGIH(TLV): Not established

OSHA(PEL) : Not established

Ventilation : local exhaust ventilation or general ventilation
Protective Measures :

Respiratory Protective Equipments : Dust respirator

Eye Protective Equipments: Safety goggles

Hand Protective Equipments: Rubber gloves
Protective Clothings: Use as appropriate to situation.

Section 9 - Physical and Chemical Properties

Form: Pulverizing powder

Color: Black

pH: No data available

Odor: odourless

Specific Temperature/Temperature Ranges at Which Changes in Physical State Occur

Boiling Point

No data available

Vapour Pressure:

No data available

Vapour Density:

No data available

Volatility:

No data available

Melting / Freezing Point:

No data available

Specific Gravity:

1.2 (20.0°C)

Solubility

Water Solubility:

No data available

Solvent Solubility:

A part of component is soluble in toluene, chloroform and tetrahydrofuran

pH:

No data available

Viscosity:

No data available

Octanol / Water:

No data available

Partition Coefficient

Other Information:

None

Section 10 - Stability and Reactivity

Flash Point :

Not applicable

Autoignition Temperature:

No data available

Explosive Limit In Air(Lec) :

No data available

Explosive Limit In Air(Uec) :

No data available

Combustibility:

Yes

Oxidizability:

No

Self-Reactivity / Explosivity :

This material may cause risk of dust explosion.

Reactivity And Stability:

Stable in general

Hazardous Combustion:

No data available

Or Decomposition Products

Other Information :

None

Section 11 - Toxicological Information

Corrosivity:

No data available

Skin Irritation:

No data available

Eye Irritation:

No data available

Sensitization:

No data available

Acute Toxicity:

No data available

Subchronic Effects:

No data available

Chronic Effects:

No data available

Carcinogenicity :

No data available

Iarc:

Group 3. The agent is not classifiable as to its carcinogenicity to humans.(Silica)

Group 2B. The agent is possibly carcinogenic to humans.(Titanium)

Group 2B. The agent is possibly carcinogenic to humans.(Carbon)

Ntp:

None of this product's components are listed

Osha:

None of this product's components are listed

Mutagenicity:

Ames test (TA98,TA100,TA1535,TA1537,TA1538, WP2uvrA) : Negative

Reproductive Effects:

No data available

Teratogenicity:

No data available

Other Information: None

Section 12 - Ecological Information

Biodegradability: No data available
Bioaccumulation: No data available
Fish Toxicity: No data available
Other Information: None

Section 13 - Disposal Considerations

Waste Disposal:

Review "HANDLING AND STORAGE(Section7)"

Dispose of waste in accordance with local, state and federal regulations.

Passed to a licensed waste contractor.

Incinerate with little portions.

Risk of producing harmful gases such as carbon monoxide and nitrogen oxides

Section 14 - Transport Information

Follow all regulations in your country or region

Precautions: Review "ACCIDENTAL RELEASE MEASURES(Section6)"
Review "HANDLING AND STORAGE(Section7)"
Handle container carefully to avoid shock. Do not fall or crash
Keep dry

Proper Shipping Name: Non hazardous

Hazard Class: Not applicable

Un No.: Not applicable

Packing Group: Not applicable

Hazard Label: Not applicable

Section 15 - Regulatory Information

Follow all regulations in your country or region

Inventories:	TSCA(USA)	Yes
	EINECS(EU)	No(ELINCS)
	ECL(Korea)	Yes

Section 16 - Other Information

Reference : None

To the best of the manufacturer's knowledge,the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability(including liability for any direct, incidental,consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another ,in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacture cannot and does not guarantee that the hazards described herein are the only ones that exist.

*****END OF MSDS*****