



Material Safety Data Sheet

WHMIS		Not regulated
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HMIS Graphic

Health Hazard	0
Fire Hazard	1
Reactivity	0

Revision Date 13-Mar-2009

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name FD&C Red #40 DM2000 Granular
Product Code 07704
Recommended Use Color Additive

Contact Manufacturer
Sensient Colors Inc.
2526 Baldwin Street
St. Louis, MO 63106
Telephone: 1-800-325-8110
Fax: 1-314-658-7314

Emergency Telephone Number Chemtrec 1-800-424-9300 Emergency Phone Number (24 hours)
Outside US: 1-703-527-3887
Chemtrec Administrative Office Telephone Number 1-800-262-8200

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Red brown.

Physical State Powder.

Odor Odorless.

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Principle Routes of Exposure

Eye contact, Skin contact, Inhalation

Acute Effects

Eyes

May cause slight irritation by mechanical action.

Skin

Substance may cause slight skin irritation in sensitive individuals.

Inhalation

May be irritating to the respiratory tract.

Ingestion

May be harmful if swallowed.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions

Excessive dust may aggravate pre-existing lung disease.

Interactions with Other Chemicals

No information available.

Potential Environmental Effects

There is no known ecological information for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Haz/Non Haz

Chemical Name	CAS-No	Weight %
FD&C Red #40	25956-17-6	Proprietary

4. FIRST AID MEASURES

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact

To reduce coloration of the skin, wash off immediately with soap and plenty of water removing all contaminated clothes and shoes to avoid coloration of the skin.

Inhalation

Move to fresh air. If breathing is difficult provide oxygen.

Ingestion

If the individual is conscious, clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammability

Non-Flammable

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Not available.

Hazardous Combustion Products

The combustion of this product may emit toxic fumes as well as carbon dioxide and carbon monoxide.

Explosion Data**Sensitivity to static discharge**

Material is not sensitive to static discharge. Material as with any organic dust may be ignited by a static spark if extremely dusty conditions are produced.

Sensitivity to mechanical impact

Material is not sensitive to mechanical impact.

Specific Hazards Arising from the Chemical

In the event of a fire, no specific hazards arise from this product. As with any material keep product and empty container away from incompatible materials and sources of heat. In the event of a fire, no specific hazards arise from this product. As with any material keep product and empty container away from incompatible materials and sources of heat. As with any organic dust, depending upon particle diameter, moisture content, and rate of heating, the colorant used in this product may explode if finely dispersed in the atmosphere and an ignition source is present. Therefore, handle to prevent explosive clouds from being suspended in the air.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure adequate ventilation. Avoid contact with the eyes to prevent irritation. Barriers and protective equipment for the skin may be used to avoid discoloration. Use respiratory protection if excessive dust will be created.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods for Containment

No information available. Avoid creating airborne dust to the extent feasible. Keep others out of the area. Minimize air movement. Sweep and scoop up and place material in a bag and hold for waste disposal.

Methods for Clean-up

Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Take precautionary measures against static discharges. Sweep or vacuum. Collect in a suitable container. Water or other cleanser may be used to facilitate clean up of buildings or equipment. Note: water contacting the product will be colored and should be disposed off in accordance with local requirements.

Other Information

Not applicable

7. HANDLING AND STORAGE

Handling

Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours/dust. Avoid dust formation. Take precautionary measures against static discharges. Dust is combustible. Therefore, keep concentrations below ignitable concentrations in material handling equipment such as transfer lines and process equipment. Clean up residue to avoid dust accumulation.

Storage

Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines**Engineering Measures**

Minimize the creation of dust. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment**Eye/face Protection**

Safety glasses with side-shields

Skin Protection

Long sleeved clothing.

Respiratory Protection

No special protective equipment required under conditions of normal use. If exposure to dust, mist, and/or vapors is likely, a NIOSH approved respirator is recommended.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance
Physical State**

Red brown
Powder

Odor

Odorless

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Heat, flames and sparks. Avoid dust formation.

Incompatible Materials

No materials to be especially mentioned.

Hazardous Decomposition Products

None under normal use. Material is non-combustible.

Possibility of Hazardous Reactions

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
FD&C Red #40	10 g/kg (Rat)	10 g/kg (Rabbit)	

Chronic Toxicity

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Irritation

This powder may cause mechanical irritation on contact with eye.

Corrosivity

Not available

Sensitization

Not available

Neurological Effects

Not available

Mutagenic Effects

Not available

Reproductive Effects

Not available

Developmental Effects

Not available

Target Organ Effects

Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Persistence/Degradability

Not available

Bioaccumulation/ Accumulation

Not available

Mobility in Environmental Media

Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number

Not available

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
FD&C Red #40	X	X	-	X	-	-	X	X	X	X

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

This product is not governed by any additional state regulations.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

16. OTHER INFORMATION

Revision Date 13-Mar-2009

Revision Summary Not available

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS