



SAFETY DATA SHEET

in accordance with the 2012 OSHA Hazard Communication Standard.
(29 CFR § 1910.1200)

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14-Jul-2005

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Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product identifier

Product Id: 83R441A
Product Name: RED OXIDE PVC DISPERSION

Other means of identification

CAS Number: Mixture
Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: FOR INDUSTRIAL USE ONLY!
Uses advised against: No information available

Details of the supplier of the safety data sheet

Manufacturer:	Contact Numbers:	Facsimilie:
Penn Color, Inc. 400 Old Dublin Pike Doylestown, PA 18901	1-215-997-2221	1-215-822-5801

Emergency telephone number:

Chemtrec USA: 1 (800) 424-9300 or +1 (703) 527-3887

Chemtrec Registrant Identifier: Penn Color, Inc. CCN - 16979

Section 2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR § 1910.1200)

Label Elements

EMERGENCY OVERVIEW

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR § 1910.1200)

Signal Word None

Physical State: Solid. **Appearance:** Chip **Odor:** None known

Precautionary Statements - Prevention

- None

Precautionary Statements - Response

None

Precautionary Statements - Storage

- Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

- None

Hazards not otherwise classified (HNOC)

None

Other Information:

No information available

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Section 4. FIRST AID MEASURES

First aid measures

Eye Contact

- Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician

Skin Contact

- Wash skin with soap and water

Inhalation

- Remove to fresh air

Ingestion

- Clean mouth with water and drink afterwards plenty of water

Most important symptoms and effects, both acute and delayed

Symptoms

- No information available

Indication of any immediate medical attention and special treatment needed

Note to physicians

- Treat symptomatically

Section 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

CO₂, dry chemical, dry sand, alcohol-resistant foam

Unsuitable Extinguishing Media

Caution: Use of water spray when fighting fire may be inefficient

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Explosion data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None

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

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

- Ensure adequate ventilation, especially in confined areas

Environmental precautions

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Environmental precautions • See Section 12 for additional Ecological Information

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

Section 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling • Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions • Keep container tightly closed in a dry and well-ventilated place

Incompatible materials • None known based on information supplied

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice

Eye/face protection No special technical protective measures are necessary

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant

concentrations. Respiratory protection must be provided in accordance with current local regulations

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Solid		
Appearance:	Chip	Odor:	None known
Color:	Red	Odor Threshold	No
<u>Property</u>	<u>Values</u>	<u>Remarks / - Method</u>	
pH	Not applicable		
Melting point / melting range	No information available	None known	
Boiling point / boiling range (° C)	Not applicable		
Flash Point (° C):	Not applicable.		
Evaporation rate	Not applicable		
Flammability (solid, gas)	No information available	None known	
Flammability Limit in Air			
upper flammability limit	No information available		
lower flammability limit	No information available		
Vapor Pressure	Not applicable		
Vapor Density	Not applicable		
Specific Gravity	2.395		
Bulk Density (Measured in lb/gal):	No information available	None known	
Water Solubility	No information available	None known	
Solubility in Other Solvents	No information available	None known	
Partition Coefficient: n-octanol / water	No information available	None known	
Autoignition temperature	No information available	None known	
Decomposition temperature	No information available	None known	
Kinematic Viscosity	Not applicable		
Oxidizing Properties	No information available	None known	

Other Information

Softening Point	No information available
Molecular weight	No information available

Section 10. STABILITY AND REACTIVITY

Reactivity

- Not Applicable

Chemical stability

- Stable

Possibility of Hazardous Reactions

- None under normal processing

Conditions to avoid

- Extremes of temperature and direct sunlight

Incompatible materials

- None known based on information supplied

Hazardous Decomposition Products

- Thermal decomposition can lead to release of irritating and toxic gases and vapors

Section 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	No data available
Eye Contact	No data available
Skin Contact	No data available
Ingestion	No data available

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion / Irritation:	No information available
Serious Eye Damage / Eye Irritation:	No information available
Irritation:	No information available
Corrosivity:	No information available

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Sensitization: No information available
Mutagenic Effects: No information available
Carcinogenicity: No information available.

Other Information:

Other: • No data available

Reproductive Toxicity

STOT - single exposure No information available

STOT - repeated exposure No information available

Aspiration Hazard No information available

Numerical measures of toxicity • Product Information

Unknown Acute Toxicity No information available

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Component:	Algae / Aquatic Plants:	Fish:	Crustacea:
Diisononyl Phthalate 28553-12-0	1.8: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 500: 72 h Desmodesmus subspicatus mg/L EC50		0.06: 48 h Daphnia magna mg/L EC50 Static 500: 48 h Daphnia magna mg/L EC50

Persistence and Degradability: No information available

Mobility: No information available

Marine Pollutant: No information available.

Bioaccumulation: No information available

Other Adverse Effects: No information available

Section 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes • Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging • Do not reuse container

Section 14. TRANSPORT INFORMATION

USDOT:

Status: Not regulated.

ICAO / IATA:

Status: Not regulated.

IMO:

Status: Not regulated.

Section 15. REGULATORY INFORMATION

International Inventories:

Australia	All of the ingredients are listed on or compliant with the AICS Inventory.
Canada:	All of the ingredients are listed on or compliant with the DSL Inventory.
China:	All of the ingredients are listed on or compliant with the IECSC Inventory.
Europe:	One or more of the ingredients are not listed or compliant with the EINECS Inventory.
Japan:	One or more of the ingredients are not listed or compliant with the ENCS Inventory.
Korea:	One or more of the ingredients are not listed or compliant with the KECL Inventory.
New Zealand:	All of the ingredients are listed on or compliant with the NZIoC Inventory.

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Philippines:	All of the ingredients are listed on or compliant with the PICCS Inventory.
Taiwan:	One or more of the ingredients are not listed on or compliant with the TCS Inventory.
United States:	All of the ingredients are listed on or compliant with the TSCA Inventory.

Legend:

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

NZIoC - New Zealand Inventory of Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TCSI - Taiwan Chemical Substances Inventory

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations:

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)

Component:	RQ of Designated Hazardous Substances:	CWA - Toxic Pollutants	Clean Water Act - Priority Pollutants:	Clean Water Act - Hazardous Substances
Diisononyl Phthalate		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 releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This

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product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

U.S. EPA Label Information:

EPA Pesticide Registration Number: Not Applicable

US State Regulations:

California Proposition 65:

This product contains the following Proposition 65 chemicals

Component:	California Propostion 65
Diisononyl Phthalate 28553-12-0	carcinogen

Note:

This product may contain trace levels of metal impurities that are on the California Proposition 65 list. This product may also contain other substances on the California Prop 65 list at levels below 1000 ppm. For some of these substances, their listings are qualified as specifically relating to airborne, unbound particles of respirable size. If additional information is needed please send a request to msds@penncolor.com.

U.S. State Right-to-Know Regulations:

Component:	New Jersey Right to Know List:	Massachusetts Right to Know List:	Pennsylvania Right to Know List:
Diisononyl Phthalate 28553-12-0			Environmental hazard

Canadian Regulatory Rules:

No component of this product is included on a Canadian Regulatory list of interest above its reporting threshold value.

Section 16. OTHER INFORMATION

HMIS Health Rating:

HEALTH:

1

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FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	X

Prepared By	Regulatory Affairs
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Reason for Revision:	No information available.

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.

Environmental Program Definitions:	CSG - The Council of State Governments SARA - Superfund Amendments and Reauthorization Act TPCH - The Toxics in Packaging Clearinghouse WHMIS - Workplace Hazardous Materials Information System
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Inventory Definitions:	DSL - Canadian Domestic Substances List NDSL - Canadian Non-Domestic Substances List EINECS - European Inventory of Existing Chemical Substances ELINCS - European List of Notified Chemical Substances TSCA - United States Toxic Substances Control Act
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Occupational Exposure Definitions:	ACGIH - American Conference of Governmental Industrial Hygienists. CNS - Central Nervous System GI - Gastrointestinal NIOSH - National Institute for Occupational Safety and Health - United States OEL - Occupational Exposure Limits - France, Germany, Poland, Sweden OSHA - Occupational Safety and Health Administration PEL - Permissible Exposure Limit - United States STEL - Short Term Exposure Limit - United Kingdom and United States TLV - Threshold Limit Value - United States TWA - Time Weighted Average - United Kingdom and United States
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Toxicity Definitions:	LC50 - A LC50 is a calculated concentration of a substance in an air for a specified length of time, which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population. LD50 - A LD50 is defined as the calculated dose of a substance in an exposure, other than inhalation for a specified length of time, which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance by any route (other than inhalation) of a significant number from that population.
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Transportation Definitions:	EmS - Emergency Response Procedures for Ships Carrying Dangerous Goods - IMO
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IATA - International Air Transport Association
ICAO - International Civil Aviation Organization
IMDG - International Maritime Dangerous Goods
IMO - International Maritime Organization
MFAG - Medical First Aid Guide- IMO
N.O.S. - Not Otherwise Specified
RQ - Reportable Quantity
UN - United Nations
USDOT - United States Department of Transportation

**Weight and Measurement
Definitions:**

cc - cubic centimeter
m³ - Cubic meters
°C - Degrees Celsius
g - Grams
h - Hour
Hr - Hour
kg - Kilograms
L - Liter
m - Meter
μL - Microliters
mg - Milligram
mL - milliliters
mPa.s - Millipascal seconds
ppb - Parts per billion
ppm - Parts per million
% - Percentage
lb - Pounds
rpm - revolutions per minute

Miscellaneous Definitions:

CAS - Chemical Abstract System
ESIS - European chemical Substances
Information System
NJTS - New Jersey Trade Secret

End of Safety Data Sheet