



The World Leader in Model Scenery

MATERIAL SAFETY DATA SHEET

C1218, C1219, C1220, C12221, C1222, C1228 & C1229 Earth Colors Terrain Paints

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C1218, C1219, C1220, C1221, C1222, C1228, & C1229 Earth Colors Terrain Paints

SKU NUMBER: C1218, C1219, C1220, C1221, C1222, C1228, C1229, K24304, K24305, WPKPAINTC1218, WPKPAINTC1219, WPKPAINTC1220, WPKPAINTC12221, WPKPAINTC1222, WPKPAINTEARTH, WPKPAINTSTRIP1, WPKPAINTSTRIP3, WPKPAINTSTRIPLK, WPKPBLACK, WPKPBLKMIX.375, WPKPBUMBER, WPKPEARTHMIX, XPAINTC1218, XPAINTC1219, XPAINTC1220, XPAINTC1221, XPAINTC1222, XPAINTC1228, XPAINTC1229

PRODUCT DESCRIPTION: Earth Colors Terrain Paints – Stone Gray, Slate Gray, Black, Raw Umber, Burnt Umber, Green Undercoat & Earth Undercoat.

U.N. NUMBER: None

U.N. DANGEROUS GOODS CLASS: Non-Regulated Material

SUPPLIER/MANUFACTURER'S NAME: Woodland Scenics®

ADDRESS: P.O.Box 98, Linn Creek, MO 65052 USA

BUSINESS PHONE: 1-573-346-5555 (Product Information)

WEB SITE: www.woodlandscenics.com

DATE OF PREPARATION: May 5, 2014

DATE OF LAST REVISION: December 12, 2012

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This Product is a viscous water based liquid in various colors with a slight odor.

Health Hazards: Not expected to have adverse health effects when used as directed.

Flammability Hazards: This product is non-flammable

Reactivity Hazards: None known.

Environmental Hazards: This product is not expected to cause adverse effects in the environment.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

Non-Regulated Material

CANADA (WHMIS) SYMBOLS

Not Controlled

EUROPEAN and (GHS) Hazard Symbols

None

Signal Word: **None**

EU LABELING AND CLASSIFICATION:

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1

EC# 203-473-3 Annex I Index# 603-027-00-1

EC# 203-473-3 Annex I Index# 603-140-00-6

Balance of ingredients not classified in the Annex I of Directive 67/548/EEC

GHS Hazard Classification(s):

None (See notes below)

Hazard Statement(s):

None

Precautionary Statement(s):

None

EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:

None

Risk Phrases:

None

Safety Phrases:

None



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HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: This product does not contain significant amounts of ingredients that have been shown to produce significant acute health effects when used and handled for their intended purpose or with any foreseeable misuse.

CHRONIC: This product does not contain significant amounts of ingredients that have been shown to produce significant chronic health effects in repeated dose toxicity studies or human epidemiology studies.

TARGET ORGANS: ACUTE: None known CHRONIC: None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: BLACK TERRAIN PAINT	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Water	7732-18-5	231-791-2	Not Listed	75 – 85%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Calcium Carbonate	1317-65-3	215-279-6	Not Listed	1 – 5%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Talc	14807-96-6	238-877-9	0329	1 – 5%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Ethylene Glycol	107-21-1	203-473-3	0270	1 – 4%	HAZARD CLASSIFICATION: [Xn] Harmful RISK PHRASES: R22
Vinyl Acrylic Latex	Not Available	Not Listed in ESIS	Not Listed	1 – 3%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Hydroxyethylcellulose	9004-62-0	Not Listed in ESIS	Not Listed	0.5 – 2%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Diethylene Glycol	111-46-6	203-473-3	0619	0.5 – 2%	HAZARD CLASSIFICATION: [Xn] Harmful RISK PHRASES: R22
Ethoxylated Dodecylphenol	9014-92-0	500-023-0	Not Listed	0.3 – 2%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Carbon Black	1333-86-4	215-609-9	Not Listed	0 – 1.1%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2004 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

SECTION 4 - FIRST-AID MEASURES

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water. Seek medical attention if irritation develops.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: Non-Combustible

AUTOIGNITION TEMPERATURE: Not Applicable



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FLAMMABLE LIMITS (in air by volume, %):

FIRE EXTINGUISHING MATERIALS:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Explosion Sensitivity to Mechanical Impact:

Explosion Sensitivity to Static Discharge:

SPECIAL FIRE-FIGHTING PROCEDURES:

Lower (LEL): Not Applicable Upper (UEL): Not Applicable

Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

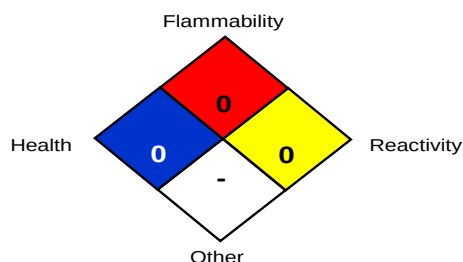
None known

Not Sensitive.

Not Sensitive

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			0
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.

SPILLS: Pick up for reuse or recycling or soak up with an absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Use good hygiene practices.

STORAGE AND HANDLING PRACTICES: Protect against physical damage. Store containers in a cool, dry location, away from direct sunlight, away from incompatible chemicals. Observe all warnings and precautions listed for the product. Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	WEEL
All Ingredients	Not Listed	Not Listed	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

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VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not required when using this product. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Not required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Not required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Not required when using this product. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	Various colored viscous liquid
ODOR THRESHOLD (PPM):	Slight
VAPOR PRESSURE (mmHg):	Not Available
VAPOR DENSITY:	Not Available
EVAPORATION RATE (nBuAc = 1):	Not Available
BOILING POINT (C°):	Not Available
FREEZING POINT (C°):	Not Available
pH:	Not Available
SPECIFIC GRAVITY 20°C: (WATER =1)	Not Available

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces carbon oxides

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data is not available for this product:

This product has been tested and conforms to ASTM D-4236

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: This product is not considered an irritant.

SENSITIZATION OF PRODUCT: This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

NOTE: This product has been tested and conforms with ASTM D-4236 and are not toxic, corrosive, irritant or strong sensitizer substances as defined by the Federal Hazardous Substances Act. In addition the materials meet the requirements of the Canada Consumer Product Safety Act and are not toxic or corrosive products. They do not require chronic or acute toxicity hazard labeling.

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SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: There is no specific data is available for this product, however this product is not expected to cause any adverse effects to the environment.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: This product is not expected to cause adverse effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: This product is not expected to cause adverse effects on aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

RCRA WASTE CODE: None

EU WASTE CODE: None

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: This product does not contain ingredients that are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health:	No	Chronic Health:	No	Fire:	No	Reactivity:	No
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U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None



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CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as Not Controlled, as per the Controlled Product Regulations

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftlist List of Toxic Substances:	Listed
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett

MSDS Authoring PLUS

Although the information set forth herein is presented in good faith and believed to be correct as of the date of issuance, it has been furnished by our suppliers; consequently, Woodland Scenics makes no representations or warranties, express or implied, with respect to information herein presented. The information set forth herein is supplied upon the condition that the persons receiving same will make their own determination as to suitability for their purposes prior to use and relates only to the specific product described and not to such product in combination with any other product. In no event will Woodland Scenics be responsible for damages of any nature resulting from the use of or reliance upon this information.