TECHNICAL SUPPORT DOCUMENT

PART I *What is the material and what do I need to know in an emergency?*

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): **DEWALT BLUE, RED and YELLOW CRAYONS**

BASIC REFERENCE SOURCES: The following reference materials, described in TABLE 1, were used in the production of the associated Material Safety Data Sheet.

TABLE 1

COMPONENT	CAS #	EINECS #	OTHER REFERENCE INFORMATION	ECRD	RTECS #	SIGMA
C.I. Pigment Blue 29	57455-37-5	Not Listed	On-Line Database Search	No Record	GE4270000	No Record
C.I. Pigment Red	3564-21-4	222-642-2	On-Line Database Search	No Record	No Record	No Record
C.I. Pigment Yellow 1	2512-29-0	219-730-8	On-Line Database Search	No Record	No Record	No Record
Paraffin	8002-74-2	232-315-6	Cheminfo # 1318225 JT Baker MSDS CHRIS Record # 1272 Acros MSDS Aldrich MSDS BP Chemical MSDS Genium Record # PAR1000	No Record	RV0350000	Not Available
Stearic acid	57-11-4	200-313-4	Cheminfo # 544 NTP Record # 002038 Genium Record # STE1000 Across msdS ICSC Record # 0568 Acros MSDS National Library of Medicine Record # 2000 Fluka MSDS CHRIS Record # 1055 JT Baker MSDS	Vol II: Pg 1052-1053	WI2800000	Vol 2: Pg 3172C
Talc	14807-96-6	238-877-9	Cheminfo # 756 ICSC Acros MSDS EM Science MSDS NTP Record # 001609 NIEHS Record # TR-421 Fluka MSDS Acros MSDS	No Record	WW2710000	Vol 2: Pg 3211A
White Petrolatum (Vaseline)	8009-03-8	232-373-2	Genium Record # PET1000 Acros MSDS STN Database ICSC # 1440 Fisher MSDS National Library of Medicine Record # 1138	No Record	SE6780000	Not Available

OTHER REFERENCES: The following list summarizes reference materials that were consulted during preparation of the associated Material Safety Data Sheet.

Brethricks Handbook of Reactive Chemicals Hazard., Butterworth & Company Publishers, LTD.
Condensed Chemical Dictionary, Sax, N.I., and Lewis, R.J.; Van Nostrand Reinhold
Chapman & Hall Combined Chemical Dictionary, Chapman & Hall Publishers
Chemical Toxicology of Commercial Products, Gleason, M., *et al.*; Williams and Wilkins Co.
Chemical Exposure and Toxic Responses, Lewis, Sr., R.J., Van Nostrand Reinhold
Cooper's Toxic Exposure Desk Reference, Cooper, A. R., Lewis Publishers
CRC Handbook of Chemistry and Physics, Weast, R.C.; CRC Press, Boca Raton, FL
CRC Handbook of Analytical Toxicology, Sunshine, I.S.; Chemical Rubber Co., Cleveland OH
Dangerous Properties of Industrial Materials, Sax, N.I., and Lewis, R.J.; Van Nostrand Reinhold
Emergency Care for Hazardous Materials Exposure, Bronstein, A.C. and Currance, P.L.
Emergency Response Guidebook
Environmental Contaminant Reference Databook (Volumes I & II), Prager, J.C.; Van Nostrand Reinhold,
Fire Protection Guide to Hazardous Materials, National Fire Protection Association
Handbook of Emergency Toxicology, Sidney, K.; C.C. Thomas Publisher, Springfield IL
Handbook of Environmental Fate and Exposure Data for Organic Chemicals (Volumes I - IV); Lewis Publishers
Handbook of Pharmaceutical Additives, Ash, Michael and Irene; Gower
Hawley's Condensed Chemical Dictionary (12th ed.), Lewis, R.J., Sr.; Van Nostrand Reinhold
Hazardous Material Information System Implementation Manual and Hazardous Material Information System Raw Materials Rating Manual; National Paint and Coatings Association
Index of Antimicrobials, Ash, Michael and Irene; Gower
Index of Antioxidants, Ash, Michael and Irene; Gower
Index of Flame Retardants, Ash, Michael and Irene; Gower
Index of Solvents, Ash, Michael and Irene; Gower
Merck Index Budavari, S. (Ed.); Merck & Co., Inc.
Quick Guide, NIOSH/EPA Chemical Database.
RTECS: Registry of Toxic Effects of Chemical Substances
Sigma-Aldrich Library of Chemical Safety Data, Lewis, R.E.; Sigma-Aldrich
WHMIS Compliance Procedure Manual, International Compliance Center Ltd.

2. HAZARD IDENTIFICATION

INFORMATION FROM: References in TABLE 1.

3. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME: Information supplied by Dewalt (corroborated by CSA).
CAS NUMBER: Information from: Table 1 references or an on-line database search.
PERCENT: Information from Dewalt.

PART II *What should I do if a hazardous situation occurs?*

4. FIRST-AID MEASURES

Basic statement derived from standard first-aid treatment recommended in the following documents:

Emergency Care for Hazardous Materials Exposure
Sigma-Aldrich Chemical Library
Physician's Desk Reference
National Library of Medicine Records

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED: Information from Emergency Care for Hazardous Materials Exposure, National Library of Medicine records for components (when available) and on-line databases. Modified as needed by CSA, based on the information provided by the references described in Table 1 of this document.

5. FIRE-FIGHTING MEASURES

INFORMATION FROM: 2008 Emergency Response Guidebook
Review of Information in TABLE 1
NFPA 704 System Information

NFPA Rating was determined using the criteria of the NFPA 704 System Information. The NFPA rating assigned by CSA is 1-1-0, based on the physical and health hazards associated with this product.

Health Hazard Rating = 1; This product may irritate contaminated skin and eyes.
Flammability Hazard Rating = 1; This product is combustible.
Instability Hazard Rating = 0; This product is not reactive.

6. ACCIDENTAL RELEASE MEASURES

The information presented provides general safe spill-response procedures recognizing the size of potential spills and the training and experience of persons who are expected to handle this material.

PART III *How can I prevent hazardous situations from occurring?*

7. HANDLING and STORAGE

Information from review of TABLE 1 and Prudent Practices in the Laboratory, National Academy Press, Washington, D.C., 1981. Additional information was from CSA's Hazardous Chemical Safety manual and CSA data files for components.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Information from review of TABLE 1 and Prudent Practices in the Laboratory, National Academy Press, Washington, D.C., 1981, and NIOSH respiratory protection and other personal protection guidelines.

PEL: 29 CFR 1910.1000, 1990 from the Occupational Safety and Health Administration. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June, 1993 Air Contaminants Rule (Federal Register: 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated.
The current PELs are the ones that are enforced by OSHA under the regulations; however, over-exposures above the PELs which were vacated may be considered violations under the "General Duty Clause", as contained in section 5(a)(1) of the Occupational Safety and Health Act. Both values are provided, to give end-users of this product the most complete information on exposure limits pertinent to the components.

TLV: Information from 2013 Threshold Limit Values (TLVs) for Chemical Substances and Physical Agents and Biological Exposure Indices (BEIs), American Conference of Governmental Industrial Hygienists.

COMMENTS: Additional information from the following:
National Institute of Occupational Safety and Health: Pocket Guide to Chemical Hazards
Occupational Safety and Health Administration (1910 Subpart Z)

9. PHYSICAL and CHEMICAL PROPERTIES

INFORMATION FROM: Dewalt.

10. STABILITY and REACTIVITY

INFORMATION FROM: References in Table 1.

PART IV *Is there any other useful information about this material?*

11. TOXICOLOGICAL INFORMATION

INFORMATION FROM: References in TABLE 1.

11. TOXICOLOGICAL INFORMATION (Continued)

HMIS RATING: The HMIS System Rating was determined after review of the HMIS Tables. These tables appear at the end of this document. The assigned rating follows: 1-0-0.

Health Hazard Rating = 1; This product can irritate contaminated skin and eyes.

Flammability Hazard Rating = 0; This product is not combustible or flammable.

Physical Hazard Rating = 0; This product is not reactive.

TOXICITY DATA: From RTECS: Registry of the Toxic Effects of Chemical Substances.

C.I. PIGMENT BLUE 29:

LD_{50} (Oral-Rat) 10 gm/kg.....FEREAC Federal Register. (U.S. Government Printing Office, Supt. of Documents, Washington, DC 20402) V.1-1936-Volume(issue)/page/year: 69,29890,2004

LD_{50} (Oral-Mouse) 10 gm/kg..... FEREAC Federal Register. (U.S. Government Printing Office, Supt. of Documents, Washington, DC 20402) V.1-1936-Volume(issue)/page/year: 69,29890,2004

TDLo (Oral-Rat) 450 mg/kg/90 days-continuous: Gastrointestinal: other changes; Kidney/Ureter/Bladder: other changes.....FEREAC Federal Register. (U.S. Government Printing Office, Supt. of Documents, Washington, DC 20402) V.1-1936-Volume(issue)/page/year: 69,29890,2004

C.I. PIGMENT YELLOW # 1:

Non-Mutagenic in salmonella typhimurium strains TA1538, TA98, & TA1535 in the *Ames salmonella typhimurium*/Mammalian Microsome Reversion Test System.....MILVY P, KAY K; Mutagenicity Of 19 Major Graphic Arts AAnd Printing Dyes; J Toxicol Environ Health 4: 31 (1978)

PARAFFIN:

Standard Draize Test (Skin-Rabbit) 500 mg/24 hours: Mild.....JACTDZ Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128) V.1-12, 1982-1993. Discontinued. Volume(issue)/page/year: 3(3),43,1984

Standard Draize Test (Eye-Rabbit) 100 mg/24 hours: Mild.....JACTDZ Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128) V.1-12, 1982-1993. Discontinued. Volume(issue)/page/year: 3(3),43,1984

TDLo (Implant-Rat) 120 mg/kg: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Kidney/Ureter/Bladder: tumors.....CNREA8 Cancer Research. (Public Ledger Building, Suit 816, 6th & Chestnut Sts., Philadelphia, PA 19106) V.1-1941-Volume(issue)/page/year: 33,1225,1973

TDLo (Implant-Mouse) 640 mg/kg: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Kidney/Ureter/Bladder: tumors.....BJCAAI British Journal of Cancer. (Macmillan Press Ltd., Houndmills, Basingstoke, Hants. RG21 2XS, UK) V.1-1947-Volume(issue)/page/year: 17,127,1963

TDLo (Implant-Mouse) 660 mg/kg: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Kidney/Ureter/Bladder: tumors.....CALEDQ Cancer Letters (Shannon, Ireland). (Elsevier Scientific Pub. Ireland Ltd., POB 85, Limerick, Ireland) V.1-1975-Volume(issue)/page/year: 6,21,1979

TDLo (Implant-Mouse) 560 mg/kg: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration: tumors; Kidney/Ureter/Bladder: tumors.....BJURAN British Journal of Urology. (Longman Group Ltd., POB 11318, Birmingham, AL 35202) V.1-1929-Volume(issue)/page/year: 36,225,1964

STEARIC ACID:

Standard Draize Test (Skin-Human) 75 mg/3 days-intermittent: Mild.....85DKA8 "Cutaneous Toxicity, Proceedings of the 3rd Conference, 1976," Drill, V.A., and P. Lazar, eds., New York, Academic Press, Inc. 1977 Volume(issue)/page/year: -,127,1977

LD_{50} (Oral-Human) 14,286 mg/kg.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

Standard Draize Test (Skin-Rabbit) 500 mg/24 hours: Moderate.....FCTXAV Food and Cosmetics Toxicology. (London, UK) V.1-19, 1963-81. For publisher information, see FCTOD7. Volume(issue)/page/year: 17,383,1979

LD_{50} (Oral-Rat) 4600 mg/kg.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

LD_{50} (Skin-Rabbit) > 5 gm/kg.....FCTXAV Food and Cosmetics Toxicology. (London, UK) V.1-19, 1963-81. For publisher information, see FCTOD7. Volume(issue)/page/year: 17,383,1979

LD_{50} (Intravenous-Rat) 21,500 µg/kg: Behavioral: convulsions or effect on seizure threshold; Lungs, Thorax, or Respiration: other changes.....APTOA6 Acta Pharmacologica et Toxicologica. (Copenhagen, Denmark) V.1-59, 1945-86. For publisher information, see PHTOEH Volume(issue)/page/year: 18,141,1961

LD_{50} (Intravenous-Mouse) 23 mg/kg: Behavioral: convulsions or effect on seizure threshold; Lungs, Thorax, or Respiration: other changes.....APTOA6 Acta Pharmacologica et Toxicologica. (Copenhagen, Denmark) V.1-59, 1945-86. For publisher information, see PHTOEH Volume(issue)/page/year: 18,141,1961

LDLo (Oral-Rat) 4640 mg/kg.....JACTDZ Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128) V.1-12, 1982-1993. Discontinued. Volume(issue)/page/year: 6(3),321,1987

TDLo (Oral-Rat) 313 gm/kg/30 weeks-continuous: Related to Chronic Data: death.....JACTDZ Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128) V.1-12, 1982-1993. Discontinued. Volume(issue)/page/year: 14,196,1995

TDLo (Oral-Rat) 8400 gm/kg/24 weeks-intermittent: Biochemical: Metabolism (Intermediary): lipids including transport.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

TDLo (Oral-Rat) 31,500 mg/kg/30 weeks-intermittent: Behavioral: food intake (animal); Related to Chronic Data: death.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

TDLo (Oral-Rat) 157.5 gm/kg/6 weeks-intermittent: Blood: change in clotting factors, changes in serum composition (e.g. TP, bilirubin, cholesterol); Biochemical: Metabolism (Intermediary): lipids including transport.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

TDLo (Oral-Mouse) 252 gm/kg/3 weeks-intermittent: Nutritional and Gross Metabolic: weight loss or decreased weight gain.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

TDLo (Oral-Mouse) 1260 gm/kg/3 weeks-intermittent: Nutritional and Gross Metabolic: weight loss or decreased weight gain; Related to Chronic Data: death.....HPV125 U.S. Environmental Protection Agency; High Production Volume (HPV) Challenge; Barium Stearate.pdf (http://www.epa.gov/HPV/pubs/summaries/viewsrch.htm) Volume(issue)/page/year: -,-,2005

TDLo (Intramuscular-Rat) 31,500 mg/kg/30 weeks-continuous: Behavioral: food intake (animal); Lungs, Thorax, or Respiration: other changes; Related to Chronic Data: death.....IJTOFN International Journal of Toxicology. (Taylor & Francis, 47 Runway Rd., Suite g, Levittown, PA 19057) V.16-1997-Volume(issue)/page/year: 18,33,1999

TDLo (Implant-Mouse) 400 mg/kg: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Kidney/Ureter/Bladder: tumors.....BJCAAI British Journal of Cancer. (Macmillan Press Ltd., Houndmills, Basingstoke, Hants. RG21 2XS, UK) V.1-1947-Volume(issue)/page/year: 17,127,1963

DNA Damage (Human Liver) 10 mg/L/20 hours.....MUREAV Mutation Research. (Elsevier Science Pub. B.V., POB 211, 1000 AE Amsterdam, Netherlands) V.1-1964-Volume(issue)/page/year: 577S,1,2005

TALC:

Standard Draize Test (Skin-Human) 300 µg/3 days-intermittent: Mild.....85DKA8 "Cutaneous Toxicity, Proceedings of the 3rd Conference, 1976," Drill, V.A., and P. Lazar, eds., New York, Academic Press, Inc. 1977 Volume(issue)/page/year: -,127,1977

TCLo (Inhalation-Rat) 17 mg/m^3/6 hours/26 days-intermittent: Lungs, Thorax, or Respiration: other changes.....ENVRAL Environmental Research. (Academic Press, Inc., 1 E. First St., Duluth, MN 55802) V.1-1967-Volume(issue)/page/year: 49,233,1989

TCLo (Inhalation-Rat) 18 mg/m^3/6 hours/2 years-intermittent: Tumorigenic: carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration: bronchiogenic carcinoma; Endocrine: tumors.....NTPTR* National Toxicology Program Technical Report Series. (Research Triangle Park, NC 27709) No.206-Volume(issue)/page/year: NTP-TR-421,1993

TCLo (Inhalation-Rat) 11 mg/m^3/1 year-intermittent: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration: tumors.....43GRAK "Dusts and Disease, Proceedings of the Conference on Occupational Exposures to Fibrous and Particulate Dust and Their Extension into the Environment, 1977," Lemen, R., and J.M. Dement, eds., Park Forest South, IL, Pathotox Pub., 1979 Volume(issue)/page/year: -,389,1979

TCLo (Inhalation-Mouse) 20,400 µg/m^3/6 hours/26 days-intermittent.....ENVRAL Environmental Research. (Academic Press, Inc., 1 E. First St., Duluth, MN 55802) V.1-1967-Volume(issue)/page/year: 49,233,1989

WHITE PETROLATUM:

LD_{50} (Intraperitoneal-Mouse) > 50 gm/kg.....NTIS** National Technical Information Service. (Springfield, VA 22161) Formerly U.S. Clearinghouse for Scientific & Technical Information. Volume(issue)/page/year: AD691-490

TDLo (Skin-Rabbit) 100 mL/kg/30 days-intermittent: Related to Chronic Data: death.....JIHTAB Journal of Industrial Hygiene and Toxicology. (Cambridge, MA) V.18-31, 1936-49. For publisher information, see AEHLAU. Volume(issue)/page/year: 29,325,1947

11. TOXICOLOGICAL INFORMATION (Continued)

IRRITANCY OF PRODUCT: Information from Table 2 references. WHMIS defines irritancy as "the ability of the material to cause a reversible inflammatory response in a body, usually to the skin or the mucous membranes, when in sufficient concentration over a period of time."

SENSITIZATION TO THE PRODUCT: WHMIS defines sensitization as "the ability of the product to cause a person to develop an immune response, allergy, or other reaction following exposure to the material."

REPRODUCTIVE TOXICITY INFORMATION: Information RTECS: Registry of the Toxic Effects of Chemical Substances and references in Table 1.

CARCINOGENIC POTENTIAL: The National Toxicology Program, the International Agency for Research on Cancer, the OSHA carcinogen lists, and the State of California carcinogen list (Title 8, Article 110, Regulated Carcinogens) were consulted to determine the carcinogenic status of this product.

BIOLOGICAL EXPOSURE INDICES: Information from 2011 Threshold Limit Values (TLVs) for Chemical Substances and Physical Agents and Biological Exposure Indices (BEIs), American Conference of Governmental Industrial Hygienists, 2011.

12. ECOLOGICAL INFORMATION

Information from references in TABLE 1. Reasonable judgment on the part of CSA was employed to assess potential ecological impact based on the expected use and type of packaging in which the product is offered. All appropriate environmental hazard information was provided, as deemed appropriate from the label warnings and a review of hazard information.

Handbook of Environmental Fate and Exposure Data, Howard, P.H., *et al.*, Lewis Publishers
Environmental Contaminant Reference Databook (Volumes I & II), Prager, J.C.
Chemical Evaluation Search and Retrieval System
Chemical Hazards Response Information System
National Library of Medicine Records

AQUATIC TOXICITY DATA: No data available.

13. DISPOSAL CONSIDERATIONS

U.S. EPA WASTE NUMBER: From review of 40 CFR 261.

EWC WASTE CODES: From Commission Decision 2000/532/EC, Commission Decision 2001/118/EC, Commission Decision 2001/119/EC and Commission Decision 2001/573/EC.

14. TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Information from Hazardous Materials Regulations 49 CFR Parts 100–185.

TRANSPORT CANADA: Information from Transportation of Dangerous Goods Regulations.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): Information from Dangerous Goods Regulations.

INTERNATIONAL MARITIME ORGANIZATION (IMO): IMO information from International Maritime Dangerous Goods Code.

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE (UNECE): European Agreement Concerning the International Carriage of Dangerous Goods by Road.

15. REGULATORY INFORMATION

ADDITIONAL U.S. FEDERAL REGULATIONS:

U.S. SARA 313 STATUS: 40 CFR 372, Toxic Chemical Release Reporting: Community Right-To-Know sets forth the requirements for the submission of information relating to the release of toxic chemicals under Section 313 of the Superfund Amendments and Reauthorization Act (SARA) of 1986. SARA 313 Status of this compound was determined by using the SARA Chemical Database from the U.S. EPA, latest edition. Additional information is from "Title III List of Lists" (US EPA, 2010).

U.S. CERCLA STATUS: 40 CFR 300.

U.S. TSCA STATUS: From TSCA On-line review.

OTHER U.S. FEDERAL REGULATIONS: Information from the Code of Federal Regulations.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): From CA Prop 65 Website.

ADDITIONAL CANADIAN REGULATIONS:

CANADIAN DSL/NDSL STATUS: From Environment Canada website.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): From Environment Canada website.

CANADIAN WHMIS CLASSIFICATION AND SYMBOL: Classification based on criteria as defined in Reference Manual for the WHMIS Requirements of the Hazardous Products Act and Controlled Products Regulations.

ADDITIONAL EUROPEAN REGULATIONS:

SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE COMPOUND: Search of the Official Website of the European Union website.

CHEMICAL SAFETY ASSESSMENT: The chemical safety assessment is required for some substances according to European Union Regulation (EC) 1907/2006, Article 14. No assessment was provided by Actavis.

16. OTHER INFORMATION

GLOBAL HARMONIZATION STANDARD LABELING AND CLASSIFICATION: Classification based on criteria as defined in Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

EU CLP LABELING AND CLASSIFICATION: Classification based on criteria as defined in Regulation (EC) 1272/2008 and subsequent amendments to the regulation.

EU DANGEROUS SUBSTANCES DIRECTIVE AND DANGEROUS PREPARATIONS DIRECTIVE LABELING AND CLASSIFICATION: Classification based on criteria as defined in European Union Directives 67/548/EEC and 1999/45/EC and subsequent amendments to the directives.

LABEL INFORMATION: CSA uses the American National Standards Institute (ANSI) labeling standard, Z129.1-2006, as the basis for label preparation. The standard recommends the following information on a commercial chemical product label:

a. Identity of product and hazardous constituents.
b. Signal word: DANGER!, WARNING!, or CAUTION!
c. Statement of hazard.
d. Precautionary measures.
e. Instructions in case of contact or exposure.
f. Target Organs.
g. Antidotes.
h. Notes to physicians.
i. Instructions in case of fire, spill, or leak.
j. Instructions for container handling and storage.
k. Other useful information.
l. Name, address and phone number of manufacturer.

Only sections b–i were provided in the label because the remaining information is found in detail in the other sections of the Material Safety Data Sheet. The language is specifically from the recommendations of the ANSI standard.

PREPARED BY:

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DATE OF PREPARATION: Sept. 1, 2013

HAZARDOUS MATERIAL INFORMATION SYSTEM CLASSIFICATION

MATERIAL: **Dewalt Crayons**		FLASH POINT: Not determined.	
CAS #: Provided for components.		BOILING POINT: Not determined.	
ODOR: Acrylate odor.		ODOR THRESHOLD: Not determined.	
TLV: Not established.		PEL: Not established.	
STEL: Not established.		IDLH: Not established.	
CARCINOGEN:			
HEALTH HAZARD RATING:	1	FLAMMABILITY HAZARD RATING:	1
REACTIVITY HAZARD RATING:	0		

Health Hazard Rating (Acute Toxic Properties)

A	Oral LD_{50} Rat	B	Dermal LD_{50} Rabbit
0	> 5000 mg/kg (C.I. Pigment Blue # 29, Stearic Acid)	0	> 5000 mg/kg
1	> 500–5000 mg/kg	1	> 1000–5000 mg/kg
2	> 50–500 mg/kg	2	> 200–1000 mg/kg
3	> 1–50 mg/kg	3	> 20–200 mg/kg
4	< 1 mg/kg	4	< 20 mg/kg
	No data available.		No data available.
C	Inhalation - gases LC_{50} Rat - 1 Hr	D	Dusts, fumes mists LC_{50} Rat - 1 hr
0	> 10000 ppm	0	> 200 mg/L
1	> 2000–10000 ppm	1	> 20–200 mg/L
2	> 200–2000 ppm	2	> 2–20 mg/L
3	> 20–200 ppm	3	> 0.2–2 mg/L
4	< 20 ppm	4	<0.2 mg/L
	No data available.		No data available.
E	Skin Irritation - 4 Hr Exposure	D	Eye Irritation
0	Essentially non-irritating.	0	Essentially non-irritating.
1	Slightly irritating.	1	Slightly irritating but reversible within 7 days.
2	Primary irritant, sensitizer.	2	Irritating or moderately irritating, persisting for more than 7 days with reversible corneal opacity.
3	Severely irritating and/or corrosive.	3	Corrosive, irreversible corneal opacity.
4		4	
	No data available.		No data available.

II	FLAMMABILITY HAZARD CRITERIA
0	Minimal Hazard—Materials that will not burn in air when exposed to temperatures in excess of 1500 °F for a period of 5 minutes.
1	Slight Hazard—Materials that require considerable preheating before burning. Materials with a flash point above 200 °F or that burn when heated to 1500 °F for 5 minutes.
2	Moderate Hazard—Materials that must be heated to a relatively high temperature before ignition can occur. Liquids with a flash point of 100–200 °F; solids and semi-solids that readily release ignitable gases.
3	Serious Hazard—Materials that produce flammable, hazardous atmospheres with air under almost all ambient conditions or that are readily ignited (including liquids with a flash point below 73 °F and a boiling point at or above 100 °F or liquids with a flash point between 73 and 100 °F). Class 1B and 1C flammable liquids.
4	Severe Hazard—Materials that will readily, rapidly or completely vaporize at atmospheric pressure and normal room temperature and burn readily (including gases, Class 1A flammable liquids, and explosive materials).
	No data available.

III	PHYSICAL HAZARD CRITERIA
0	Minimal Hazard—Materials that are normally stable and are not water reactive.
1	Slight Hazard—Materials that can become unstable at elevated temperatures or that may react with water with the release of some energy, but not violently.
2	Moderate Hazard—Materials that are normally unstable and readily undergo violent chemical reaction, but that do not detonate. This includes materials that react violently with water.
3	Serious Hazard—Materials that are of themselves detonable, but that require a strong initiating force or that must be heated under confinement or are sensitive to thermal or mechanical shock at elevated temperatures or that react explosively with water.
4	Severe Hazard—Materials that in themselves can detonate at normal temperature and pressure, including those that are sensitive to thermal or mechanical shock at normal temperature and pressure.
	No data available.