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Material Safety Data Sheet

Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Yellow, Dark Orange, Red, Pink, Purple, Blue, Light Sky Blue, Green, Light Green, Brown, Black, White

Application of the substance: 12 PC COLOR PENCIL

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-880-4170

Fax: 219-880-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

Chemical characterization

Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

Mixture of substances listed below with additions.

Components/Chemicals name:	CAS No.	Range (%)by Wt.
Carbon Black	1333-86-4	0-14.0
Saponite	1319-41-1	40.0
Titanium Dioxide	13463-67-7	2.0-14.0
Pigment red 57	5281-04-9	0-0.4
Pigment red 21	6410-26-0	0-8.0
Clay	1829-00-1	10.0
Carboxyl Methyl Cellulose	9004-32-4	8.0
Paraffin Wax	63231-60-7	8.0
Zinc Disterarate	557-05-1	20.0-28.0
Fastona Yellow G	2512-29-0	0-8.0
Basic violet1	8004-87-3	0-4.0
Pigment Pemanent Orange	3520-72-7	0-8.0
Pigment Green 7	1328-53-6	4.1-8.2

Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All colors contain the above ingredients.

Section 3 - Hazards identification

.Information pertaining to particular dangers for man and environment:

The product does not have to be labeled due to the calculation procedure of international guidelines.

.Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

.HMIS-ratings (scale 0 - 4)

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0; Fire = 1; Reactivity = 0

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

Section 4 - First aid measures

.General information: No special measures required.

.After swallow: If swallowed, get medical aid.

.Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

.This product is a natural organic product and does not cause a significant hazard of burning. It should be treated as wood material

.Protective equipment: No special measures required.

.Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

.Unusual Fire or Explosion Hazards: Not Applicable.

.Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Section 6 - Accidental release measures

.Personal Precautions: Sweep up using dustpan and brush.

Section 7 - Handling and storage

.Handling:

.Information for safe handling: Keep away from sources of ignition. Wash thoroughly after handling.

.Information about protection against explosions and fires: No special measures required.

.Storage:

.Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat; Light; Moisture). Position containers so that any labeling information is visible.

.Information about storage in one common storage facility: Not required.

.Further information about storage conditions: None.

Section 8 - Exposure controls/personal protection

.Engineering Controls:

No believed to be significant as supplied.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work

Section 9 - Physical and chemical properties

.General Information	
Form:	Hexagonal
Color:	Color
Odor:	None
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Not available
.Density:	Not available
.Relative density:	Not available
.Vapor density:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with	
Water:	None soluble
.PH-Value:	Not available
.Viscosity:	
Dynamic:	Not available

Section 10 - Stability and reactivity

.Dangerous reactions: No dangerous reactions known.

.Dangerous products of decomposition: No dangerous decomposition products known.

.Materials with which substance is incompatible: None known.

.Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

.Skin contact: No evidence of harmful effects from available information.

.Eye contact: No evidence of harmful effects from available information.

.Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.

- .Chronic (long-term toxicity): No known published data available and no adverse effects expected.*
- .Sensitization: Data not established for this product.*
- .Chronic Toxicity: Data not established for this product.*
- .Reproductive Toxicity: Data not established for this product.*
- .Mutagenicity: No mutagenic effects known or expected.*

Section 12 - Ecological information

This product has not been evaluated for its eco-toxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 - Disposal considerations

Dispose of in accordance with all applicable Federal, state and local regulations.

Section 14 - Transport information

Not Classified as "Hazardous for Transport"

.DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled product (United States).

.Hazard class number and description: Not applicable

.Packing Group: Not applicable

.UN Identification: Not applicable

.U.S. DOT: Not applicable

.North American Emergency response guidebook number, 2000: Not applicable

.Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172. 101

.Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.

.Air transport ICAO-TI and IATA-DGR: Not applicable

.ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

.Section 355 (extremely hazardous substances):

None of the ingredients is listed.

.Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

.TSCA (Toxic Substances Control Act):

All ingredients are listed.

.Proposition 65

.Chemicals known to cause cancer:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

.Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

.Carcinogenicity categories

.EPA (Environmental Protection Agency)

None of the ingredients is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

.NTP (National Toxicology Program)

None of the ingredients is listed.

.TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

.NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

.OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS are in accordance with 29 CFR 1910. 1200(g)

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