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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: Black, Burnt Sienna, Burnt Umber, Cobalt Blue, Crimson Red Lake, Emerald Green, Lemon yellow, Orange Yellow, Phthalocanine Blue, Raw Sienna, Sap Green, Scarlet, Ultramarine Blue, Vandyke Brown, Vermilion, Viridian, Yellow Ochre, Zinc Titanium White

Application of the substance: 18 pc acrylic paint

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/Chemical name:	CAS No.	Range (%)by Wt.
Emulsion	9003-01-4	50
Thicker	25212-88-8	8-12
Defoamer	25322-68-3	6-9
Preservative	10605-21-7	0.5
Carbon black	215-609-9	0-18
Iron oxide	1332-37-2	0-13
Iron oxide yellow	51274-00-1	0-8
Titanium white	13463-67-7	0-6
Lithol purplish red	6417-83-0	0-8
Scarlet powder	6410-26-0	0-30
Hansa yellow 10G	6486-23-3	0-30
Phthalocyanine Green G	1328-53-6	0-25
Permanent orange G	3520-72-7	0-30
Phthalo blue	147-14-8	0-30
Hansa yellow G	2512-29-0	0-22
Vernuillon R	2814-77-9	0-29
Water	7732-18-5	9-10

.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.

.Safety: Not classified as flammable, explosive or oxidizing. Unclassified.

.Eyes: May cause eye irritation.

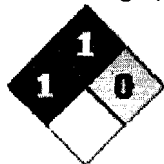
.Skin: May cause skin irritation.

.Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

.Inhalation: It is unlikely that inhalation will be a route of exposure.

.Chronic Effects: Not available.

.NFPA ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

.HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	1
REACTIVITY	0

Health = 1; Fire = 1; Reactivity = 0

Section 4 - First aid measures

.General information: No special measures required.

.After Eye Contact: Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

.After Skin Contact: If irritation occurs, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

.After Inhalation: Not Applicable

.Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.

.Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

.Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

.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:

Restrict access to the area of the spill. Provide ventilation, NIOSH / MSHA approved respirator and protective clothing. Scrape up caulk and place in container for disposal. Cleaning may require steam or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

Section 7 - Handling and storage

·Handling:

·Information for safe handling: Provide adequate ventilation in storage area. Keep away from sources of ignition. Do not smoke. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes and skin. 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). Store away from food and beverages. Empty containers may contain product residues and should be handled appropriately. 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

·Additional information about design of technical facilities: No further data; see item 7.

·Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

·Additional information: The lists valid during the making were used as basis.

·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.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Section 9 - Physical and chemical properties

·General Information

Form: Paste

Color: Color

Odor: Mild

·Change in condition

Melting point/Melting range: Not available

Boiling point/Boiling range:	<i>Not available</i>
.Flash point:	<i>Not applicable</i>
.Self-igniting:	<i>Product is not self-igniting</i>
.Danger of explosion:	<i>Not available</i>
.Density:	<i>Not available</i>
.Relative density:	<i>Not available</i>
.Vapor density:	<i>Not available</i>
.Evaporation rate	<i>Not available</i>
.Solubility in/Miscibility with Water:	<i>Mix</i>
.PH-Value:	<i>Not available</i>
.Viscosity:	
Dynamic:	<i>Not available</i>

Section 10 - Stability and reactivity

.Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

.Dangerous reactions: *No dangerous reactions known.*

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

.Materials with which substance is incompatible: *None known.*

.Hazardous Polymerizations: *Will not occur.*

.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.

.Acute (short-term) Toxicity:

.Skin contact: *May cause minor irritation with itching and possible slight local redness.*

Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available information.

.Eye contact: *Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur.*

.Inhalation: *Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.*

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

.Chronic (long-term toxicity): *No known published data available and no adverse effects expected.*

.Mutagenicity: *Materials in sufficient quantity to be injurious to humans or to cause acute or chronic health problems Conforms to ASTM-D4236*

.Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for

.Preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 - Ecological information

This product has not been evaluated for its ecotoxicity. 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 material (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

.Sara

.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)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.