deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

SAFETY DATA SHEET

4161 015 | GAMBLIN Conservation Colors Kobaltviolett, Half Pans

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SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Gamblin Conservation Colors Half Pan Cobalt Violet
Product Description: Pigment and resin mixture, dry color in small pan
Intended Use: Fine art restoration and conservation by trained professionals

COMPANY

Company Name: Gamblin Conservation Colors
Company Address: 2734 SE Raymond Street Portland, OR 97202 USA
Company Phone: 503-235-1945
Emergency Phone: Local Emergency Room

SECTION 2: HAZARDS IDENTIFICATION

This material is hazardous according to regulatory guidelines (seeSDS Section 16)

HEALTH HAZARDS Acute toxicity, oral Category 4

LABEL ELEMENTS:

Hazard symbol:

Signal Word: Warning
Hazard Statement: Harmful if swallowed

Precautionary Statement:

Prevention Wash thoroughly after handling. Do not eat, drink, or smoke when using this product **Response** If swallowed, rinse mouth and call a poison control center or doctor if you feel unwell**Storage**Store away from incompatible materials

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

None known

SUPPLEMENTAL INFORMATION

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER

Name	CAS#	Concentration (%)
Glycol ether PM acetate	108-65-6	90-100
2-Methoxypropyl acetate	70657-70-4	.1-1

HAZARDOUS COMPONENTS:

Chemical Name	Common Name	CAS#	Concentration 0(%)*
Cobalt Phosphate	CI Pigment Violet 14	13455-36-2	40-60

*As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:
dry powder, foam

Unsuitable extinguishing media for safety reasons:carbon dioxide

Additional information:
Avoid whirling up the material/product because of the danger of dust explosion.

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case offire.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective clothing.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Contain with dust binding material and dispose of.Avoid raising dust.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash

hands and other exposed areas with mild soap and water before eating, and drinking.

CONDITIONS FOR SAFE STORAGE

Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

No occupational exposure limits known.

Advice on system design:
Provide local exhaust ventilation to control dusts/mists.

Personal protective equipmentRespiratory protection:
Wear a NIOSH-certified (or equivalent) particulate respirator.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

Hand protection:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side-shields. Wear face shield if splashing hazard exists.

Body protection:
Apron

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State: Solid squares
Color: Purple
Odor: Faint odor
Odor Threshold: N/D
Melting Range: 80-95 C
Decomposition Point: 190 C

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point: NA
Flash point: NA, product is a solid
Freezing Point: -14°C (7°F)
Flammability: Not highly flammable
Vapor Pressure: NA
Density: Varies
Evaporation Rate: N/A
Solubility in Water: Insoluble in cold water and hot water
Solids by Weight: Varies
Tap Density NA

VOC Content: ND
Molecular Weight: NA
Viscosity: NA

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:
No corrosive effect on metal.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.The product is chemically stable.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

Incompatible materials

strong acids, oxidizing agents

Hazardous decomposition products

Decomposition products:
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
No decomposition if used correctly.

SECTION 11: TOXICOLOGICAL INFORMATION

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a routeof entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Oral
Type of value: LD50Species: rat
Value: > 1500 mg/kg

Inhalation
Type of value: LC50not

determined

Dermal

Type of value: LD50not determined

Skin
Species: rabbit Result: non-irritant

Eye
Species: rabbit Result: non-irritant Method: Draize test

Sensitization
Assessment of sensitization: The chemical structure does not suggest a sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similarstructure or composition.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: No known chronic effects.

Other Information
The product has not been tested. The statement has been derived from substances/products of asimilar structure or composition.

Symptoms of Exposure

No significant reaction of the human body to the product known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish LC50 (96 h),
Fish
not determined

Aquatic invertebrates
EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)
Nominal concentration. The product has low solubility in the test medium. An eluate has been tested.No toxic effects occur within the range of solubility.

Aquatic plants EC50 (72 h),
algaenot determined

Chronic toxicity to fishNo data
available.

Chronic toxicity to aquatic invertebratesNo data
available.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms
bacteria/EC50 (0.5 h):
not determined

Persistence and degradability

Assessment biodegradation and elimination (H2O)
The product is virtually insoluble in water and can thus be separated from water mechanically insuitable effluent treatment plants.

Mobility in soil

Assessment transport between environmental compartments
The substance will not evaporate into the atmosphere from the water surface.No data
available.

Additional information

Add. remarks environm. fate & pathway:
Due to the consistency of the product, dispersion into the environment is impossible. Therefore nonegative effects on the environment may be anticipated based on the present state of knowledge.

Section 13: Disposal considerations

Waste disposal of substance:
Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

Container disposal:
Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA: None

Section 14: Transport Information

Land transport
USDOT
Not classified as a dangerous good under transport regulations

Sea transport
IMDG
Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO
Not classified as a dangerous good under transport regulations

SECTION 15: REGULATORY INFORMATION

Federal Regulations

Registration status:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicablefor this product.

State regulations

State RTK	CAS Number	Chemical name
PA	50-00-0	Formaldehyde

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including FORMALDEHYDE (GAS), which isknown to the State of California to cause cancer, and METHANOL, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:
Health: 1 Fire: 1 Reactivity: 0 Special:

Section 16: Other information

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.