SAFETY DATA SHEET

SECTION 1 Identification

Product Name: Ultramarine Blue U08MX

Manufacturer: HUAYI YIPIN(YIXING) PERFORMANCE PIGMENT CO.,LTD.
ROOM 301, NO.8388 SONGZE AVENUE, QINGPU DISTRICT, SHANGHAI，CHINA 201707

Emergency information: Yipin USA INC
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RANCHO CUCAMONGA, CALIFORNIA 91730
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SECTION 2 Hazards Information

EMERGENCY OVERVIEW: Dry powder with little or no odor. Will not burn or react. Packaging material can burn or melt in fire, producing toxic smoke and fumes.

HUMAN HEALTH: Long-term inhalation can cause lung irritation or fibrosis.

POTENTIAL HEALTH EFFECTS

INHALATION: Dust may irritate throat and respiratory system and cause coughing.

INGESTION: No harmful effects expected in amounts likely to be ingested by accident. Possible nausea or diarrhea if large amounts ingested.

SKIN CONTACT: Substance may cause slight skin irritation.

EYE CONTACT: May cause slight irritation.

ROUTE OF ENTRY: Inhalation: Skin absorption. Ingestion. Skin and/or eye contact.

CARCINOGENICITY: This substance is not classifiable as a human carcinogen.

SECTION 3 Composition/Information on Ingredients

Chemical Name： Ultramarine Blue

Chemical Formula： Na_6-Al_4-Si_6-O_{20}-S_4

Color Index: 77007 Pigment Blue 29

CAS#: 57455-37-5 EINECS No: 309-928-3

Weight%	Components	CAS No.
100	Ultramarine Blue	57455-37-5

SECTION 4 First Aid Measures

Eyes: flush eyes or skin with plenty of water for at least 15 minutes.
Skin: wash with soap and water.
Inhalation: remove to fresh air. If breathing is labored or stopped, give artificial respiration. Get immediate medical attention.
Ingestion: If swallowed, Dilute with large amounts of water to induce vomiting. Consult a physician.

SECTION 5 Fire-fighting measures

Flammable properties: No-Flammable
Flash point: None
Flammable limits: Not Applicable
Auto-Ignition Temperature: Not Applicable
Hazardous Combustion Products: None
Extinguishing media: Use extinguishing agent applicable to surrounding fire.
Special firefighting procedures: Wear NOISH-approved, positive pressure, self-contained breathing apparatus and protective clothing when appropriate

SECTION 6 Accidental release measures

Evacuate area: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Wear disposable coveralls and discard them after use sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilation area and wash spill site after material pickup is complete.

SECTION 7 Handling and storage

Storage temperature (Min/Max): Ambient
Shelf life: Unlimited in tightly closed containers
Special sensitivity: None know
Handling/ Storage precautions: Store dry at ambient temperatures away from food and beverages. Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling

SECTION 8 Exposure controls/personal protection

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Provision is required to keep exposure below permissible limit:

SECTION 8 Exposure controls/personal protection

Ceiling Value: < 10 mg/m3 (8 hours)

TWA: < 5 mg/m3 (8 hours)

Personal protective equipment: Wear appropriate protective clothing and gloves. Wear appropriate protective eyeglasses or chemical safety goggles. A respiratory protection program that meets requirements for European Standard EN 149 must be followed whenever workplace conditions warrant respirator use

SECTION 9 Physical and chemical properties

Odor ： No odor
Appearance： Blue powder
PH ： 7 to 10
Melting point: > 1000 °C
Density： approx. 2.35 g/cm³ at 20 °C
Solubility in water： insoluble

SECTION 10 Stability and Reactivity

Stability: air stable above 350 ºC.

Conditions to avoid: Above 400ºC in air presence sulphur dioxide gas is released. Hydrogen Sulphide may be released in contact with acids. (Not resistant grades)

Attention: no dangerous in soap manufacturing processes; fatty acids are very weak acids and they are totally neutralized when adding the pigment

SECTION 11 Toxicological information

Non-toxic products

LD50/ oral/ rat: >10 g/kg.
No mutagenic, no teratogenic and no sensitizing products.

SECTION 12 Ecological information

This material is not expected to biodegrade when released into the soil. This material is not expected to significantly bioaccumulate. Avoid any discharge into environment.
LC50 (fish) >32000 mg/kg

SECTION 13 Disposal considerations

WASTE MANAGEMENT： When handling waste, consideration should be made to the safety precautions applying to handling of the product. Refer to Section 7.

DISPOSAL METHODS： Material which cannot be re-used should be disposed of in accordance with federal, state and local environmental control regulations at an authorized site by an approved contractor. This product when discarded as sold is not an RCRA azardous waste. However, under RCRA,it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40CFR261.20-24)

WASTE CLASS： Non Hazardous

SECTION 14 Transport Information

TRANSPORT NOTES The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA,DOT). No transport warning sign required.

DOT PROPER SHIPPING NAME None

DOT HAZARD CLASS: Not regulated.

U.S DOT HAZARD LABEL No DOT label requirement

SECTION 15 Regulatory Information

Status under SARA(311/312) Not applicable.

Status under SARA Tile III Section 302 None.

Extremely Hazardous Substances

Status under SARA Tile III Section 313 This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.TSCA:The ingredients of this product are on the TSCA Inventory.

Status under US EPA CERCLA None

Ultramarines do not appear on the following state Right to Know lists:

California Proposition 65
New Jersey RTK Hazardous Substance List
Pennsylvania Hazardous Substances List
Florida Toxic Substance List
Massachusetts Hazardous Substance List

SECTION 15 Regulatory Information

Michigan Critical Materials Register
Minnesota Hazardous Substance List

Others

Canadian Environmental Protection Act Domestic Substances List (DSL)
Australian Inventory of Chemical Substances (AICS)
Japan Hygienic Olefin and Styrene Plastic Association (JHOSPA)
CONEG- Developed Model Toxics in Packaging Legislation
Japan Toy Association (JTA)
ASTM F963-08 “Standard Consumer Specification on Toy Safety” they fit the requirements for heavy metals migration.

Packaging

CONEG- Developed Model Toxics in Packaging Legislation
Directive 94/62/EEC: EU Directive on Packaging and Packaging Waste; comparable to US CONEG Legislation

European Directives

Directive 2008/58/EC (last amendment of Dir. 67/548/EEC): Ultramarine Blues are not listed in Annex I (Dangerous Substances).

SECTION 16 Other information

Hazardous Material Information System:

Health	0
Flammability	0
Physical hazards	0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme
***=Chronic**

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.) :

0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Yipin method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS and NFPA ratings are provided by Yipin as a customer service.

Notice to reader:

The above information is believed to be correct but dose not purport to be all inclusive and shall be used only as a guide. It is provided solely for the customer's consideration, investigation and verification. Hereby specifically claims. It shall not be held liable for any damage resulting from handling or from contact with the above products.