

Veeto Hobbies India

Plot no. 413, HSIIDC Industrial Area (Saha)

Ambala (Haryana)

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MATERIAL SAFETY DATA SHEET

ULTRAMARINE BLUE V-58

1. PRODUCT AND COMPANY IDENTIFICATION

1 Name of the Product	:	V- ULTRAMARINE BLUE V-58
2 Manufacturing Company	:	Veeto Hobbies India
3 Address	:	Plot No. 413, HSIIDC Industrial Area, Saha, Ambala, Haryana
4 Telephone No.	:	+91- 7027002328/29/75
5 E-mail	:	veetohobbies@hotmail.com

2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with Standard 29 CFR 1910.1200 (US-GHS)

Not classified.

Label elements (Hazard Communication Standard 29 CFR 1910.1200 (US-GHS))

No labelling applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No	Concentration (%)	RTECS No
Blue Sodium polysulfide aluminosilicate with a SOD-type framework structure PIGMENT BLUE 29 COLOR INDEX NO. 77007 EC Number-701-340-9	57455-37-5 (Former CAS 101357-30-6)	100	---

Substance / Mixture: Substance

Synonyms: Blue sodium polysulfide aluminosilicate sodalite-type

4. FIRST-AID MEASURES

Description of first-aid measures

In case of inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

In case of skin contact: Rinse skin with water. If skin irritation occurs, get medical advice.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

In case of ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention. Most important symptoms/effects, both acute and delayed

Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, water spray, dry chemical powder, carbon dioxide or sand.

Unsuitable Extinguishing Media: Do not use a heavy water stream.

Specific hazards arising from the chemical

Thermal decomposition, temperature above 400 °C, can lead to SO₂ gas release.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Provide adequate ventilation. Evacuate unnecessary personnel. Wear personal protection equipment (See section 8).

Environmental precautions

Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

Methods for containment and clean up

On land, sweep or shovel into suitable containers for disposal or recovery. Minimize generation of dust.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling: Avoid breathing dust. Avoid contact with skin or eyes. Wash thoroughly after handling. Keep container tightly closed. Wear appropriate personal protective equipment as specified in Section 8.

Technical protective measures: Provide adequate ventilation to minimize dust concentration.

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in cool, dry, well-ventilated places away from incompatible materials. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

No specific limits have been established for Ultramarine Blue. As a guideline, OSHA and ACGIH have established the following limits which are generally recognized for inert or nuisance dusts.

Exposure Limits: Particulates Not Otherwise Regulated (PNOR)		
<u>ACGIH</u> <u>TLV</u>	<u>OSHA</u> <u>PEL</u>	<u>NIOSH REL</u>
Inhalable: 10 mg/m ³ (8h) Respirable: 3 mg/m ³ (8h)	Total dust: 15 mg/m ³ (8h) Respirable: 5 mg/m ³ (8h)	Not established

Appropriate engineering controls

If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

Personal protective equipment**Respiratory protection:** Dust mask required in dusty environments or exceeding total dust limits.**Eye/face protection:** Wear appropriate chemical safety glasses/goggles.**Hand/Skin protection:** Wear appropriate protective gloves and clothing.**General Hygiene Considerations**

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance:	Solid, fine powder
Color:	Blue
Odor:	Odorless
pH:	6 – 9 [ASTM D-1208-78]
Melting point:	> 1000 °C
Boiling point:	Not applicable
Flash point:	Not applicable
Flammability (solid, gas):	Not flammable
Explosive properties:	Not explosive
Vapor pressure at 20°C:	Not applicable
Vapor density:	Not applicable
Density:	2.35 g/cm ³ [ASTM D-153-84] (water=1)
Solubility in water:	Insoluble
Partition coefficient, n-octanol/water:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	400 °C
Viscosity:	Not applicable

10. STABILITY AND REACTIVITY**Reactivity**

No hazardous reaction known under normal conditions of use

Chemical stability

Stable under normal conditions

Possibility of hazardous**reactions** Stable under normalconditions **Conditions to avoid**At temperatures above 400 °C in the presence of air, Sulfur Dioxide (SO₂) gas can be released**Incompatible materials**

Strong acids and bases

Hazardous decomposition productsAt temperatures above 400 °C in the presence of air, Sulfur Dioxide (SO₂) gas can be released. Hydrogen sulfide may be released in contact with acids. (Not resistant grades)**11. TOXICOLOGICAL INFORMATION**

Acute oral Toxicity:	LD50 oral, rat: > 10000 mg/kg
Acute Toxicity:	Based on available data, the classification criteria are not met
Chronic Toxicity:	Based on available data, the classification criteria are not met
Irritation:	Non-irritant
Sensitization:	Non-sensitizing
Mutagenicity:	Non-mutagenic
Carcinogenicity:	No human carcinogen
Reproductive toxicity:	No toxic for reproduction
Aspiration hazard:	Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

Based on available data, the classification criteria are not met

LC50 (Fish 96 h) : > 32000 mg/L

Persistence and degradability

Not applicable (Inorganic substance)

Bioaccumulative potential

Not applicable

Mobility in

soil Not applicable

Results of PBT and vPvB assessment

The substance does not meet the criteria to be identified as PBT or vPvB

13. DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance with local / state / Federal regulations. Avoid release to the environment.

It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.

14. TRANSPORT INFORMATION**DOT**

Not regulated. Not dangerous good.

Transport by sea (IMO / IMDG)

Not regulated. Not dangerous good

Air transport (ICAO/ IATA)

Not regulated. Not dangerous good

15. REGULATORY INFORMATION**US Federal Regulations**

TSCA: CAS # 57455-37-5 is listed on TSCA Inventory

SARA Title III Rules

Section 302 – Extremely Hazardous Substances: None

Section 304 – CERCLA Hazardous Substances: None

Sections 311/312 – EPCRA (Hazard Classes)

Immediate (Acute): None

Delayed (Chronic): None

Fire: None

Release of pressure: None

Reactivity: None

Section 313 – Toxic Chemical Release Inventory (TRI): None

US State Regulations

Ultramarine Blue does not appear on the following state Right-To-Know Lists:

California Proposition 65

Florida Hazardous Substances List

Massachusetts Substance List Michigan

Critical Materials Register Minnesota

Hazardous Substances List New Jersey

Hazardous Substance List Pennsylvania

Hazardous Substance List

FDA

Ultramarine Blue is cleared in 21 CFR:

Part 178 under §178.3297 (Colorants for polymers)

Part 177 under §177.2600 (Colorants in Rubber Articles intended for repeated Use)Part
177 under §177.1210 (Closures with sealing gaskets for food containers)Part 175 under
§175.300 (Resinous and polymeric coatings)

Part 73 under §73.2725 (Color Additives approved for use in Cosmetics) (Externally applied cosmetics including eye area use)
Note: Not all the grades of Ultramarine Blue are recommended for cosmetic or food contact applications. Users are asked to contact
our technical service for further information.

Canada

DSL (*Canadian Environmental Protection Act, Domestic Substances List*): included

European Union

REACH (*Regulation (EC) No 1907/2006*): Nubiola registered substance, REACH no: 01- 2119488928-

13EINECS (*European Inventory of Existing Commercial Chemical Substances*): 309-928-3

CLP (*Regulation (EC) No 1272/2008*): Ultramarine Blue is not classified as hazardous substance.

16. OTHER INFORMATION

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. You can contact Veeto Hobbies India to ensure that this document is the most current available from Veeto Hobbies India. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy himself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re- publication or retransmission of this document, in whole or in part, is not permitted.