SAFETY DATA SHEET

1 - IDENTITY INFORMATION

Product Names	Aarka Polyurethane Including their variants Polyurethane top coats

Manufacturer	Heuristic Formulations
Address	101, Cosmos Industrial Estate, Naik Pada, Waliv, Vasai East, Palghar district, Maharashtra State Pin code 401208 INDIA
Telephone Number for information	+91 9820216401

2 - HAZARD IDENTIFICATION

These products are water-based and not classified as dangerous for supply or transportation. The ingredients are water thinnable and falls well within environmentally acceptable safety limits.

Classification:	Non-regulated
Danger:	Nonflammable product
Hazard information:	Not known
Ecological consideration:	None

3 - COMPOSITION / INGREDIENTS

Substance/Mixture	Main ingredients include
Binder	Polyurethane dispersion and acrylic emulsion
Moisturizer	Glycols
Thickener	Polyurethane thickners
pH Agent	Amines
Preservative	Benzisothiazolinone

These products may contain APEO, NPEO, OPEO, but free from formaldehyde and ammonia

4 - FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and if necessary consult your physician or Doctor

Ingestion: In case of swallowing, drink plenty of water. Induce vomiting. If you feel unwell, seek medical advice.

Skin Contact: Upon skin contact, wash with plenty of water, soap or other non-irritating cleansing agents.

Inhalation: Upon inhalation of aerosol/vapor, take the person to fresh air. If there is difficulty in breathing, medical advice is required.

5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not combustible unless dried up

Flash Point : Not below 100°C

Combustion Products: Formation of carbon dioxide and oxide of metal

Extinguishing Method: Regular

Extinguishing Media : Water, Foam, Dry powder and Carbon Dioxide

Precaution for Firefighters: Do not inhale combustion gases.

6 - ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Wipe off and clean with mild soap and water

Environmental Precautions: Prevent spills from entering storm sewers or drains
Do not drain unused paints in sewers, rather give to friends who could use

7 - HANDLING AND STORAGE

Precautions for Storing : keep away from freezing. Keep away from direct sunlight. Store in a cool dry place. In case of puffed containers open With caution.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid invasion to the eyes or body. Avoid prolonged or repeated contact with skin.Wash mouth or hands well after use. Avoid inhaling aerosols. Always use personal protective kits while applying the paints for personal safety.

9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance and Odor : Milky, no odour

Specific Gravity ($H_2O = 1$): Between 1.00～1.2

Boiling Point : NA

pH: 8.5～10

Solubility in Water: Can be diluted. Not so, after dried.

10 - HAZARD INFORMATION AND STABILITY

Physical Dangers: Nonflammable products.
Stability: Stable under normal state
Reactivity: None known
Byproducts: Carbon dioxide, oxides of metals and water in case of fire.
No thermal decomposition when stored and handled correctly.
Incompatibility: None known

11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, inhalation, swallowing
Oral Toxicity : The products may flocculate by gastric acid.
Eye irritation : Irritant
Skin irritation : Irritant by repeated or prolonged contact, and may cause inflammation.
Inhalation Toxicity : Although some of raw materials pointed to/may stimulate eyes and respiratory organs with their vapor or mists under highly concentrated state
Toxicity : No data available on products.

12 - ECOLOGICAL INFORMATION

Fish Toxicity : Emulsion may obstruct the breathing of fishes, in case of pouring the excesscolors to river or pond.

13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : Dispose in accordance with national and/or local regulations.
Avoid entry into the sewage system (danger of clogging).

14 - TRANSPORT INFORMATION

Precautions for Transport: None, especially
UN Class: N/A

Avoid spillage into oceans during marine transportation

15 - REGULATORY INFORMATION

Danger Class: N/A (Not flammable liquid)

Fire Service Law, Industrial Safety and Health Law: N/A

Pollutant Release and Transfer Register: N/A

16 - OTHER INFORMATION

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