

Automark Technologies (India) Pvt. Ltd.

Material Safety Data Sheet

SECTION 1: IDENTIFICATION OF THE PRODUCT AND MANUFACTURER

PRODUCT NAME: **AQUASTRIPE IS – WATER BORNE ROAD MARKING PAINT-YELLOW**

MANUFACTURER: AUTOMARK TECHNOLOGIES (INDIA) PVT. LTD., NAGPUR.
AT: 18km, Stone, Bothali Village, Wardha Road, Nagpur
Maharashtra State, India
TEL: 0712 - 6603671 EMAIL: info@automarktech.com

SECTION 2: HAZARD IDENTIFICATION

Signal word : Unnecessary

Appearance: Viscous liquid in yellow color with a paint latex-type odor Precautionary

Statements: PREVENTION

Recommend safety glasses whenever splashing is possible. Recommend waterproof gloves.

Precautionary Statements: RESPONSE

IF IN EYES: Considered to have a low order of toxicity. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Go to Emergency Room doctor/physician if you feel unwell.

IF ON SKIN (or hair): Considered to have a low order of toxicity. Remove/Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water.

IF INHALED: Considered to have a low order of toxicity. Remove victim to fresh air and keep at rest. Go to Emergency Room doctor/physician if you feel unwell.

IF SWALLOWED: Considered to have a low order of toxicity. Rinse mouth. Do NOT induce vomiting (aspiration hazard). Go to Emergency Room doctor/physician if you feel unwell.

IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements: STORAGE Keep container tightly closed. Keep out of reach of children. To preserve product quality: Keep from repeated freeze-thaw cycles.

Precautionary Statements: DISPOSAL Send to sanitary drain line. Do not allow to escape into natural waterways.

Hazards not otherwise classified (HNOC): Not Applicable

Other Information: Considered to have a low order of toxicity

Automark Technologies (India) Pvt. Ltd.

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

	% by weight	CAS No.
1. Acrylic Resin	20-50%	NA
2. Ammonia	<0.5%	7664-41-7
3. Industrial Methylated Spirits	2%	64-17-5
4. Silica	0-10%	14808-60-7
5. Non hazardous components to make 100 %	Balance	NA

SECTION 4: FIRST AID MEASURES

INHALATION: Low toxicity. Remove to fresh air.

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If adverse health effects develop seek medical attention.

INGESTION: Low toxicity. Rinse mouth. DO NOT induce vomiting (aspiration risk). Drink plenty of water. If adverse health effects develop seek medical attention.

SKIN CONTACT: Low toxicity. Wash off with plenty of water. Take off contaminated clothing and wash before reuse. If adverse health effects develop seek medical attention.

Note to physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Non flammable.

Suitable Extinguishing Media: Water spray (fog). Alcohol resistant foam. Dry chemical.

Unsuitable Extinguishing Media: Not determined.

Specific hazards arising from the chemical: Keep containers cool.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use recommended personal protective equipment.

Spills may be slippery. Prevent foot traffic.

Environmental precautions: Do not discharge outside. Do not permit to escape directly into creeks or other natural waterways.

Methods for containment. Slippery! Prevent further leakage or spillage if safe to do so.

Automark Technologies (India) Pvt. Ltd.

Methods for cleaning up spills: Prevent traffic.

Reclaim liquid with wet vacuum, dust scooper, automatic floor scrubber. Rinse area with water and dry before permitting traffic.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Wash after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Protect product quality by keeping containers tightly closed when not in use, avoid pouring unused material back into original container. Never use food or beverage containers to measure or transport this product. Empty containers contain residues and should not be used for food or beverage.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children and pets. Protect from direct sunlight. Store at 35-45°C.

Packaging materials: Keep in original container. Proper secondary labeling is available.

Incompatible materials: Bleach, Strong acids, materials which react with water.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls: Not determined

Appropriate Personal Protective Equipment:

Eye/face protection: Safety glasses recommended if splashing possible.

Skin and body protection: Any waterproof gloves, such as latex, nitrile, etc.

Respiratory protection: Under normal conditions, respirator is not required.

General Hygiene: Handle in accordance with good industrial hygiene and safety practice

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

1. Appearance	Yellow liquid with typical water based paint odor
2. Boiling Point/Boiling Range	100°C
3. Flash Point	Not determined
4. Melting Point/freezing point	Not determined
5. Evaporation rate	1.0
6. Flammability (solid,gas)	n/a-liquid

Automark Technologies (India) Pvt. Ltd.

7. Specific Gravity	1.40
8. % Volatility	>50%
9. Water Solubility	Soluble
10. PH value	>9.5

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions

Chemical stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: Incompatible materials. Heat which might compromise packaging.

Incompatible materials: acids, alkaline, caustics, halogens, etc. which react with water.

Hazardous Decomposition Products: Carbon oxide gases.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: Considered to have a low order of toxicity. Pigments and colorants are low toxicity and remain trapped in the paint, presenting no respiratory dust hazard.

Eye contact: Considered to have a low order of toxicity

Skin Contact: Considered to have a low order of toxicity

Ingestion: Considered to have a low order of toxicity

Information on physical, chemical and toxicological effects: please see Section 4. Contains no known carcinogens, hormone disruptors, and bioaccumulatives.

SECTION 12: ENVIRONMENTAL INFORMATION

Contains readily biodegradable plant based ingredients. Do not discharge into natural waterways since paint emulsifiers, even biodegradable ones, damage fish gills. Contains no known carcinogens, hormone disruptors or bioaccumulatives. Contains no heavy metals. Contains 3 biodegradable solvents at 1% total. Less than 1% reportable VOC's (Volatile Organic Compounds).

SECTION 13: DISPOSAL CONSIDERATIONS

Discharge waste to "sanitary" drain leading to a sewerage treatment plant. Do not discharge to "storm" drains leading to natural waterways since emulsifiers used in paint, even biodegradable ones, and damage fish gills. Dispose of wastes in accordance with applicable regional, national and local laws and regulations. Packaging may be recycled.

Automark Technologies (India) Pvt. Ltd.

SECTION 14: TRANSPORT INFORMATION

Non-Dangerous Good
Proper Shipping Name: Road Marking Paint
UN Number: Not Applicable
Transport: Not regulated for Transport.

SECTION 15: REGULATORY INFORMATION

Not regulated

SECTION 16 : Other information:

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects necessary for handling the product in a safe way and should not be constructed as any guarantee of the technical performance or suitability for particular applications.

It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Therefore neither **Automark Technologies (India) Pvt. Ltd.**, nor its agents will be liable for any injury, loss or damage. No person is authorized to make any statement or recommendation not contained in the Material Safety Data Sheet, and any such statement or recommendation, if made shall not bind the corporation.