



Smart Solvent Base Roadline Paint

SPRLS
5 Litre



Description

Smart Solvent Base Roadline Paint is a modified alkyd solvent based air drying paint for road marking like center lines, edge line, car parking lines etc. It is fast drying with excellent abrasion resistance and self cleaning properties and has excellent resistance against bleeding through of bitumen.

Usage

For marking of road centerlines, edge lines, car park, pedestrian crossing and etc.

Composition

Pigment	:	Light fast pigment and mineral extenders
Binder	:	modified alkyd
Volume Solid	:	50%
Diluent	:	Aromatic hydrocarbon

Properties

Finishing	:	Low sheen
Colour	:	White, yellow and black
Theoretical Coverage	:	9m ² /Litre
Drying Time	:	* Touch dry – 5 – 10 min. * Hard dry – 20 – 30 min. *Dependent on temperature and humidity.
Recoating Interval	:	30 min.

Application Method

Brush	:	For normal use, thinning is usually not necessary.
Roller	:	For normal use, thinning is usually not necessary.
Conventional Air Spray	:	Thin with 10 -20% by volume with white spirit and adjust to requirement.
Airless Spray	:	Thinning is usually not necessary.

Surface Preparation

General/ New Surface

Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and wax.

Previously Painted

Remove all loose, defective and unstable paint film or powdery residues by thoroughly brushing and scraping.

Composition / Information on Ingredients

Component	% by wt
Solvent Blend	10%
Alkyd Resin Blend	< 20%
Pigment	10 – 13%
Filler	45 - 50%

Hazard Identification

Hazard	Identification
Fire and explosion hazards	Liquids can release vapors that can readily form flammable mixtures at temperatures at or above the flash point.
Health hazards	May cause irritation of eye, mouth, and throat after prolonged exposure. Vapors may cause drowsiness and dizziness.

First Aid Measures

Emergency And First Aid Procedures :

If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Keep individual calm. Call a physician. If eye contact occurs, flush with water for at least 15 minutes and call a physician. For skin contact, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Drink a glass of water and consult physician IMMEDIATELY.

Physical and Chemical Properties

Appearance / colour	: Clear
Percent Volatiles	: <40%
Specific gravity @ 25oc	: 1.65 – 1.75
*Boiling point	: 100 - 120 oC
*Melting point	: NA
*Vapour pressure (Air = 1)	: 0.860kPa
*Vapour density (101.3 kpa / air = 1)	: >1
Evaporation rate (n – butyl ether = 1)	: <1
Solubility	: Aromatic solvents, esters, ketones
Odour	: Aromatic solvent odour
*Properties of water	

Fire Fighting Measures

CLASSIFICATION	: Flammable, harmful
*FLASH POINT	: 350C
*EXPLOSIVE LIMITS (% BY VOLUME):	
• LEL	: 0.6
• UEL	: 7.0
FIRE EXTINGUISHING MEDIA	: Foam, CO2, Dry Powder, sand
FIRE FIGHTING PROCEDURES	: Respiratory protection is required for fire fighting
*properties of solvent used	: personnel. Do not breathe fumes. Stay upwind,
	: if possible.

Accidental Release Measures

Personal precautions	:	Use appropriate safety equipment. For additional information, refer to Section 8, Personal Protection information.
Environmental precautions	:	Prevent the product from escape into soil, watercourses or drainage systems.
Cleaning methods	:	Eliminate source of ignition. Contain area and keep public away. Recover free liquid by pumping or scooping with shovel into separate container. Use sawdust, sand, earth or other absorbent to prevent material flow. Prevent liquid from entering sewers, watercourse or low areas. Dispose in accordance with local regulation.

Handling and storage

Keep container closed when not in use. Do not handle or store near open flame, heat, sparks, or strong oxidants. Adequate ventilation required. Avoid inhalation of vapours and contact with skin and eyes. Do not keep product for a long time (>2 years). Keep good house-keeping.

Exposure Controls / Personal Protection

Respiratory Protection	:	Use approved respiratory protection such as air supplied mask if used in enclosed spaces.
Ventilation	:	Sufficient ventilation should be provided during application.
Protective gloves	:	Chemically resistant gloves
Eye protection	:	Chemical splash-proof goggles or face shield

Stability and Reactivity

Conditions to avoid	:	Heat, spark, open flame and static charge build-up
Incompatibility (materials to avoid) decomposition products	:	Strong oxidizing agents Carbon monoxide and carbon dioxide

Toxicological Information

Skin contact	:	Prolonged and repeated contact may cause slight skin irritation.
Eye contact	:	Prolonged and repeated contact may cause slight temporary eye irritation.
Inhalation	:	Prolonged and repeated may cause respiratory irritation. Signs and symptoms of excessive exposure may include headache, or vomiting.
Effects of over exposure	:	High vapour and spray mist can be irritating to the eyes, skin and the respiratory tract. Excessive inhalation can cause headache, nausea, dizziness or irritation to the respiratory tract and may have other central nervous system effects.

Ingestion can cause lungs, kidney and/or liver damage. Overexposure can cause irreversible eye burns and damage. Skin and respiratory sensitization and allergic reaction such as rash, hives or asthma can occur.

Ecological Information

No ecological studies have been carried out on this product.

Disposal Considerations

If possible recover the product, otherwise dispose by incinerate or land fill must be in compliance with all local laws and regulation.

Transport information

Proper shipping name	Un NO	Class	Packing Group
Paint	1263	3	III

Additional Information

ADR / RID	IMDG
Hazard identification number : 30	Emergency schedules (EmS) : F-E, S-E
Special provisions : 640E	Marine pollutant : No

Regulatory Information

In accordance to Occupational Safety and Health (Classification, Packaging, and Labeling of Hazardous Chemicals) Regulations 1997.

Risk Phrase : R10: Flammable

Safety Phrase: S2: Keep out of reach children.

S7: Keep container tightly close.

S16: Keep away from source of ignition – No smoking

S23: Do not breathe gas/ fumes/ vapour/ spray

S24: Avoid contact with skin.

S57: Use appropriate container to avoid environment contamination.

S43A: In case of fire, use sand, earth, chemical powder or foam.

Other Information

All information appearing herein is based on our present state of our knowledge. However the information in this MSDS may not be valid for such material used in combination with any other materials or in any process. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. We do not accept liability for any loss or damage that may occur from the use of this information.

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