

1400 Syn Clear Varnish

Safety Data Sheet

SECTION 1 - PRODUCT INFORMATION

Product Identifier: ENAMEL PAINT		Chemical Description SYNTHETIC ALKYD PAINT BASED ON VEGETABLE OILS.	
Product Use: General Coating Applications & As a protective layer			
Manufacturer's Name: TARA PAINTS & CHEMICALS		Supplier's Name: TARA PAINTS & CHEMICALS	
Street Address: A/423/14, MAHAGUJARAT IND.ESTATE, AHMEDABAD		Street Address: A/423/14, MAHAGUJARAT IND.ESTATE, AHMEDABAD	
City: AHMEDABAD	State & Country: GUJARAT	City: AHMEDABAD	State & Country: GUJARAT
Postal Code: 382210	Emergency Phone: 91-84000011774	Postal Code: 382210	Emergency Phone: mobile: 9825066652

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients (Specific)	%	CAS Number	LD 50 of Ingredient (Specify species, route)	LC 50 of Ingredient(Specify species)
TOLUENE	20 - 30	108-88-3	5000 mg/kg(Oral, RAT)	4000 ppm (Vapor, RAT)
MINERAL SPIRITS	30 - 40	8052-41-3	5000 mg/kg(Oral, RAT)	800 ppm (Vapor, RAT)

SECTION 3 - HAZARDOUS IDENTIFICATION

SR	PARTICULARS	RESULT
1	Hazard description	Harmful, Extremely flammable
2	Physical dangers	Extremely flammable. Irritating to eyes. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Keep out of the reach of children
3	Effects of short-term overexposure	Vapours irritate the eyes, nose, throat, skin, and central nervous system. Symptoms may include dizziness, throat irritation, headache, fatigue, swelling of eyes, and nausea.
4	Effects of chronic overexposure	May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.
5	NFPA ratings (scale 0 - 4)	Health = 1 Fire = 4 Reactivity = 3



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6	HMIS-ratings (scale 0 - 4)	Health = 1 Fire = 4 Physical Hazard = 3
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SECTION 4 - PHYSICAL DATA

Physical State: Liquid	Odour and Appearance: liquid with a solvent smell	Odour Threshold(ppm): Not Available
Specific Gravity: 0.99 - 1.1	Vapour Density(air=1): Not Available	Vapour Pressure(mmHg): Not Available
Boiling Point(° C): Not Available	Freezing Point(° C): Not Available	pH: Not Applicable
		Evaporation Rate: Not Available
		Coefficient of Water/Oil Distribution: Not Available

SECTION 5 - FIRE AND EXPLOSION DATA

Flammability: Yes		If yes, Under which Conditions? flammable liquid
Means of Extinction: Alcohol foam, Carbon dioxide, dry chemical powder, Polymer foam		
Flashpoint and Method: 43 °C Closed Cup	Upper Flammable Lt (% by Volume): Not Available	Lower Flammable Lt (% by Volume): Not Available
Autoignition Temperature: Not Available	Explosion Data - Sensitivity to Impact: No	Explosion Data - Sensitivity to Static discharges: No
Hazardous Combustion Products: carbon monoxide, carbon dioxide, nitrogen oxides		

SECTION 6 - REACTIVITY DATA OR FIRE FIGHTING MEASURES

Chemical Stability: Stable	If Yes, Under which Conditions? Not Applicable
Incompatibility with other substances: Yes	If yes, which ones? Strong Acids / Strong Oxidising agents/ Strong Bases
Reactivity, and under what conditions? exposure to ignition sources, heat, ignition sources, exposure to peroxides, sparks, open flame, generation of dust, ignition sources, heat (temperatures above 194°C)	
Hazardous Decomposition Products: Carbon Monoxide	

SECTION 7 - TOXICOLOGICAL PROPERTIES

Route of Entry	Skin Contact: Yes	Absorption: Yes	Eye Contact: Yes	Inhalation: Yes	Ingestion: Yes
Effects to Acute exposure to Product: TOLUENE has been known to cause FATIGUE, WEAKNESS, INCOORDINATION, HEADACHE and DIZZINESS. MINERAL SPIRITS has been known to cause EYE IRRITANT, NOSE IRRITANT, THROAT IRRITANT, DIZZINESS and DERMATITIS					
Effects of Chronic Exposure to Product:					



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TOLUENE has been known to cause IMPAIRED MEMORY, IMPAIRED SPEECH, IMPAIRED VISION, IMPAIRED HEARING. MINERAL SPIRITS has been known to cause NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION.

Exposure Limits (Value, Units, By) TOLUENE: 100 PPM ACGIH MINERAL SPIRITS: 100 PPM ACGIH	Irritancy (if yes, explain) TOLUENE is a skin and eye irritant. MINERAL SPIRITS is a skin and eye irritant. (MILD)
Sensitisation (if yes, explain) TOLUENE is a skin sensitizer.	Carcinogenicity (if yes, explain)
Reproductive Toxicity (if yes, explain)	Teratogenicity (if yes, explain)
Mutagenicity (if yes, explain)	Synergistic Products (if yes, explain)

SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES

General Information:

Form: Aerosol

Colour: According to trade name description in section 1.

Odour: Solvent

Boiling point/Boiling range: -44°C (-47°F)

Flashpoint: -19°C (-2°F)

Ignition temperature: 365°C (689°F)

Auto igniting: Product is not self-igniting.

The danger of explosion: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees Fahrenheit. In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit: 1.5 Vol %

Upper Explosion Limit: 10.9 Vol %

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Vapor Pressure: 40 PSI, 2750 hPa

Density at 20°C (68°F): 0.73154 g/cm³

Specific Gravity: Between 0.77 and 0.85 (Water equals 1.00)

VOC content: 545.6 g/l / 4.55 lb/gal

VOC content (less exempt solvents): 60.0 %

MIR Value: 1.19

Solids content: 35 %

SECTION 9 - STABILITY AND REACTIVITY

Conditions to be avoided: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.

Possibility of Hazardous

Reactions: No dangerous reactions known.

10 - ECOLOGICAL INFORMATION

Other information: This product does not contain any chlorofluorocarbons (CFC's), chlorinated solvents, lead, mercury, Cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE). No specific ecological data is available for this product.

Aquatic toxicity: Hazardous for water, do not empty into drains.

11 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of by local, state, and federal regulations. Do not puncture, incinerate, or compact.

Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Empty cans should be recycled.

12 - TRANSPORT INFORMATION

Hazard class: 3

Identification number: N/A



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Label 2.1

ADR/RID class: 2 5F Gases

UN-Number: 1263

IMDG Class: 3

Packaging group: III

EMS Number: F-D, S-U

Marine pollutant: No

ICAO/IATA Class: 3

Propper shipping name: PAINT

SECTION 13 - PREVENTIVE MEASURES OR HANDLING & STORAGE

Personal Protective Equipment	Gloves: Yes	Respirator: Yes	Eye: Yes	Footwear: No	Clothing: No	Other: No
If checked, specify type: Gloves: BUTYL RUBBER Respirator: NIOSH APPROVED Eye: SPLASH RESISTANT						
Engineering controls (specify such as ventilation, enclosed process): Use mechanical ventilation to reduce exposure						
Leak and Spill Procedure: Wear adequate protective equipment. Contain spill with absorbent material and place in a suitable covered and labelled container for disposal.						
Waste Disposal: Check with federal. Provincial and local government regulations and requirements for disposal						
Handling Procedures Equipment: Use in a well-ventilated area. Do not use with incompatible substances.						
Storage Requirements: Store in a cool, well-ventilated area out of direct sunlight.						
Special Shipping Information: TDG Shipping Name: PAINT Classification: 3.3 Packing Group: III Identification Number: UN1263						

SECTION 14 - FIRST AID MEASURES

Inhalation: Remove to fresh air. Get medical help if there is any breathing difficulty
Ingestion: Do not induce vomiting unless directed by a physician. Give two glasses of water. Seek medical attention immediately
Skin Contact: Remove Contaminated clothing (including shoes) and washes before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.
Eye Contact: Flush eyes with large amounts of lukewarm water for 20 minutes, while holding eyelids open or until irritation subsides. If irritation persists, get medical attention.

15 - REGULATIONS

SARA Section 355 (extremely hazardous substances): None of the ingredients in this product is listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

PROPOSITION 65 Chemicals known to cause cancer: 1333-86-4 Carbon black 100-41-4 ethylbenzene
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PROPOSITION 65



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Chemicals are known to cause developmental toxicity: 108-88-3 Toluene

Canadian WHMIS: Class A, B5---Flammable Aerosols

EPA:

A= Known human carcinogen

B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

A= Known human carcinogen

B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

IARC: Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans. 67-63-0 isopropyl alcohol 3

ACGIH TLVs:

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

SECTION 16- OTHER INFORMATION

16.1

When sanding any, paint uses wet sanding to avoid breathing dust. Wear a dust respirator if wet sanding not possible. Refer to the Technical Data Sheet for this product for directions for use.

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