DECORA BUDGET SYNTHETIC ENAMEL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name : D e c o r a B u d g e t Synthetic Enamel
Product Type : Alkyd based Enamel paint
Supplier : Kadisco Paint and Adhesive Industry SC, Kality, Near Maseltgna, Addis Ababa, Ethiopia
Telephone Number : +251-114391037/38/40
Fax Number : + 2 5 1 - 1 1 4 3 9 1 9 6 5

2. COMPOSITION/INFORMATION ON INGREDIENTS :

	Weight%	CAS Number	LEL Vol%	ACGIH TLV-TWA
• Alkyd Resin	20 - 40	63148-69-6	NA	NA
• Titanium Dioxide	0 - 15	13463-67-7	NA	10 mg/m^3
• Zirconium Octoate	0.15 - 0.3	7319-86-0	NA	NA
• Calcium Octoate	0.1 - 0.2	6107-56-8	NA	NA
• Cobalt Octoate	0.1 - 0.2	136-52-7	NA	NA
• MEK	0.1 - 0.15	96-29-7	1.9	10 mg/m^3
• White Spirit	10-20	64742-82-1	1.0	NA

3. HAZARDS IDENTIFICATION :

• Hazards identification of the preparation :
R-10 : Flammable
R-51/53 : Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES :

General : Remove contaminated clothing.
First Aid - Inhalation : Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
First Aid – Skin : Remove contaminated clothing immediately. Wash skin thoroughly with soap and water.
First Aid - Eye : Irrigate copiously with clean, fresh water for atleast 10 minutes, holding the eye lids apart and seek medical advice.
First Aid - Ingestion : Do not induce vomiting. Obtain immediate medical attention.

5. FIRE FIGHTING MEASURES :

Specific hazards	: Fire will produce dense, black smoke. Inhalation of decomposition products may cause serious health hazards.
Extinguishing media	: Water spray-mist, foam, dry chemical powder, carbon dioxide, sand.
Unsuitable extinguishing media	: Water in a jet.

6. ACCIDENTAL RELEASE MEASURES :

Personal precautions	: Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. Avoid sparks.
Personal protection	: Wear PVC gloves, safety boots. Wear full face-piece respirator with organic vapour canister NPF 400. In a confined space, wear self-contained breathing apparatus open circuit type NPF 2000.
Environmental precautions	: Prevent contamination of soil and water.
Processing for Cleaning/ Collecting	: Contain and collect spillage with non-combustible absorbent materials, e.g., sand, earth or spill control material and place in a container for disposal according to local regulation.

7. HANDLING AND STORAGE:

Avoid prolonged or repeated contact with skin. Do not breathe vapour, spray/mists. Extinguish any naked flames. Remove ignition sources. Avoid spark. Do not smoke. Take precautionary measures against static discharges.

Handling temperature	: Ambient
Storage	: Keep container tightly closed and in a wellventilated place. Keep away from direct sunlight and other sources of heat or ignition. Do not smoke in storage areas.
Storage temperature	: Ambient.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION** :

Engineering Control measures	: Use only in well ventilated areas.
Respiratory protection	: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hand protection	: PVC gloves. Barrier creams may help to protect the exposed areas of the skin.
Eye protection	: Use safety eyewear designed to protect against splash of products.

9. **PHYSICAL AND CHEMICAL PROPERTIES** :

Physical state	: Liquid
Odour	: Like organic solvents
Safety related information :	Value
Flash Point	39ºC
Ignition temperature	240 - 252ºC
Boiling Point	160 - 197ºC
Vapour Density (Vs. Air)	Heavier
Evaporation Rate (Vs. n-Bu. Acetate) :	Slower
Density at 25ºC	1.0-1.2 Gm/cc
Solubility in water	Insoluble.

10. **STABILITY/REACTIVITY** :

Stability	: Stable under normal use conditions. Polymerised in presence of oxygen.
Conditions to avoid	: Heat, flames and sparks
Materials to avoid	: Unknown
Hazardous decomposition products	: Unknown

11. **TOXICOLOGICAL INFORMATION** :

Basis for assessment	: This product was not tested but the information given is based on the known toxicological data of the constituents.
Acute toxicity - oral	: LD 50 expected to be above 2000 mg/kg
Acute toxicity - dermal	: LD 50 expected to be above 2000 mg/kgAcute
Toxicity - inhalation	: LC 50 expected to be > 5 mg/l
Eye irritation	: The liquid splashed in the eyes may cause irritation.
Skin irritation	: Not a skin sensitiser but prolonged contact with the preparation may cause removal of natural fat from the skin resulting to dermatitis.

12. **ECOLOGICAL INFORMATION** : Avoid contamination of earth, rivers, lakes or sewages

Water contamination class : 2 (self classification)

13. **DISPOSAL CONSIDERATIONS** :

Precautions	: Refer to Section 7
Waste disposal	: Recover or recycle if possible. Otherwiseincineration.
Container disposal	: Allow the residue to dry and dispose of as scrap metal.

14. **TRANSPORT INFORMATION** :

UN Number	: 1263
IMCO Class	: 3
PG Number	: 3149
Marine Pollutant	: Yes
Packing Group	: III
Proper shipping name	: Paint

15. **REGULATORY INFORMATION** :

- EC Classification : Flammable dangerous for the environment

  Contains : White Spirit
- EC Risk phrases

  R10 : Flammable.

  R51/53 : Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- EC Safety Phrases

  S61 : Avoid release to the environment.

  S24 : Avoid contact with skin

  S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

  S51 : Use only in well ventilated areas.

16. **DISCLAIMER** :

This information is based on our current knowledge and is obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding the correctness. This information is extended to describe the product for the purposes of health, safety and environmental requirements only. The conditions or methods of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage connected with the handling, storage, use or disposal of the product.