MATERIAL SAFETY DATA SHEET

APCOMIN INDUSTRIAL ANTI CORROSIVE PRIMER

Material Safety Data Sheet

1. **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product Name	: Apcomin Industrial Anti Corrosive Primer
Product Type	: Alkyd based primer
Supplier	: Asian Paints Bangladesh Ltd. 317 & 757, Bahadurpur, Gazipur.
Telephone Number	: +880-2-9204482 / 83

2. **COMPOSITION/INFORMATION ON INGREDIENTS** :

	Weight%	CAS Number	LEL Vol%	ACGIH TLV-TWA
• Alkyd Resin	20 – 30	68333-62-0	NA	
• Calcium Magnesium Carbonate	20 - 45	16389-88-1	NA	10 mg/m^3
• Titanium Dioxide	5 - 15	13463-67-7	NA	10 mg/m^3
• Zinc Phosphate	5 - 8	7440-38-2	-	0.15 mg/m^3
• Talc	5 - 10	14807-96-6	-	2.00 mg/m^3
• Calcium Octoate	0.1 - 0.2	6107-56-8	NA	NA
• Cobalt Octoate	0.1 - 0.2	136-52-7	NA	0.05 mg Co/m^3
• Methyl Ethyl Ketoxime	0.1 - 0.15	96-29-7	1.9	10 mg/m^3
• Xylene	20-30	1330-20-7	1.2	100 ppm

3. **HAZARDS IDENTIFICATION** :

• Hazards identification of the preparation :

R-10	: Flammable
R-20/21	: Harmful by inhalation and in contact with skin

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 well ventilated 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	30 - 40ºC
Ignition temperature	> 350ºC
Boiling Point	137ºC (Based on Xylene)
Vapour Density (Vs. Air)	Heavier
Evaporation Rate (Vs. n-Bu. Acetate) :	Slower
Density at 25ºC	1.25 - 1.35 gm./cc.
Solubility in water	In soluble.

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/kg
Acute 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 :

The generation of waste should be avoided or minimized wherever possible. Waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.

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14. TRANSPORT INFORMATION :

UN Number	: 1263
IMCO Class	: 3.3
Page Number	: 3149
Marine Pollutant	: Yes
Proper shipping name	: Paint

15. REGULATORY INFORMATION :

- EC Classification : Flammable dangerous for the environment
  Contains : White Spirit
- EC Risk phrases
  R10 : Flammable.
  R-20/21 : Harmful by inhalation and in contact with skin
- EC Safety Phrases
  S-25 : Avoid contact with eyes
  S-36/37 : Wear suitable protective clothing and gloves
  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.

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