Registered office: 18/24 Ajisegiri Street,
Shogunle - Oshodi

Lagos
Nigeria

DATE: 24/11/2020

SAFETY DATA SHEET
PRODUCT: MEK THINNER VERSION: 1.1

1. PRODUCT IDENTIFICATION /DESCRIPTION

Preparation/Product Name: Methyl Ethyl Ketone THINNER

Description: This is a paint specialty fast evaporating thinner.

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO	CONCENTREATION	RISK PHRASES
MEK	78-93-3	100	R10,R20/21/22,R36/38

3. HAZARD IDENTIFICATION OF THE PRODUCT

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation (lung irritant). Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Classified POSSIBLE for human. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

4. FIRST-AID MEASURES

Flammability: Highly flammable.

Skin Irritation: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Irritation: Irritating to eyes. Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Overexposure Effects: risk of absorption through the skin of MEK.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

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5. FIRE-FIGHTING MEASURES

Fire Fighting Media and Instructions: Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Large Spill: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined p. 3 areas; dike if needed.

7. STORAGE AND HANDLING PRECAUTIONS

Handling: For industrial use only by professional, trained painters. Not for sale to or use by the general public.
Before using, read and follow all label and MSDS precautions.
Precautions: Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, metals, acids, alkalis. Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area.
Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection: Splash goggles. Lab coat. Vapor respirator.
Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product

Ventilation: The work place should be well ventilated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear liquid with a Acetone-like Pleasant. Pungent. Sweetish. (Strong.)

Specific gravity : 0.805+/=0.02Kg/l
Boiling Point: 79.6 (175.3°F)
Melting Point: -86°C (-122.8°F)
Shelf life; up to 24 months.
Solubility: soluble in cold water

10. STABILITY AND REACTIVITY

Stability: The product is stable. Instability Temperature: Not available. Conditions of Instability: Heat, ignition sources, mechanical shock, incompatible materials. Incompatibility with various substances: Reactive with oxidizing agents, metals, acids, alkalis. Corrosivity: Non-corrosive in presence of glass. Special Remarks on Reactivity: Incompatible with chloroform, copper, hydrogen peroxide, nitric acid, potassium t-butoxide, 2-propanol, chlorosulfonic acid, strong oxidizers, amines, ammonia, inorganic acids, isocyanates, caustics, pyrindines. Vigorous reaction with chloroform +alkali. Special Remarks on Corrosivity: Not available. Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Toxicity to Animals: WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2737 mg/kg [Rat]. Acute dermal toxicity (LD50): 6480 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 32000 mg/m3 4 hours [Mouse]. Chronic Effects on Humans: MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Classified POSSIBLE for human. May cause damage to the following organs: gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS). Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation (lung irritant). Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: May cause birth defects based on animal dats. Embryotoxic and/or foetotoxic in animal.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Ecotoxicity in water (LC50): 3220 mg/l 96 hours [Fathead Minnow]. 1690 mg/l 96 hours [Bluegill]. BOD5 and COD: Not available. Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. Special Remarks on the Products of Biodegradation: Not available
Do not allow to escape into waterways, waste water or soil.

13. DISPOSAL CONSIDERATION

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations
N.B: Disposal of paints and thinners is controlled by National regulations. Please refer to Local office for current statutory regulations.

14. TRANSPORT INFORMATION

DOT Classification: CLASS 3: Flammable liquid. Identification: Ethyl methyl ketone UNNA: 1193 PG: II
Special Provisions for Transport: Not available.

15. OTHER REGULATORY INFORMATION

Risks Phrases
R10 Flammable
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed
R36/38 Irritant to eyes and skin.
Safety Phrases
S28 After contact with skin wash immediately with plenty of soap and water.
S37/39 Wear suitable gloves and eye protection.
S61 Avoid release to the environment. Refer to instruction on safety data sheet.

16. OTHER INFORMATION

Company Disclaimer:
The information provided in this safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information is given without acceptance of liability for loss or damage attributed to reliance thereon as conditions of use lie outside our control. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.