



MATERIAL SAFETY DATA SHEET

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BRUSH ON ELECTRICAL TAPE PART NO. 49412

SECTION I - IDENTITY INFORMATION

Chemical State : Liquid
Chemical Type : Mixture

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>WGT. %</u>
Methyl ethyl ketone	78933	200	200	35
Xylene	106423	150	200	41

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point : 160⁰F
Melting Point : N/A
Vapor Pressure (mm Hg) : 110
Vapor Density (Air=1) : Heavier<1
Solubility in Water (%) : None
Appearance and odor : Black in appearance, solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point : 19⁰F
Lower Explosive Limit : 1.2%
Upper Explosive Limit : 6.6%
Fire Extinguishing Media : Foam, "alcohol" foam, CO₂, dry chemical, water, fog, other.
Special Fire Fighting Procedures : Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat. Use water to keep fire exposed containers cool to reduce pressure.
Unusual Fire & Explosion Hazards : Water may be used to cool containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Wear self-contained breathing apparatus and protective clothing.

SECTION V - HEALTH HAZARD DATA

Route(s) of Entry : Dermal, inhalation, and ingestion.
Health Hazards (Acute and Chronic)
EFFECTS OF OVEREXPOSURE (Signs and Symptoms):
Inhalation : May be irritating to the respiratory tract and produce symptoms of headache and nausea.
Skin : Prolonged or repeated contact with coating may cause irritation.
Eyes : Primary irritation.
Ingestion : May cause gastro-intestinal, nausea, vomiting and diarrhea.
Medical Conditions Generally Aggravated by Exposure : Sinus and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation : Remove individual to fresh air.
Skin : Wash thoroughly with soap and water. Remove contaminated clothing.
Eyes : Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.
Ingestion : Dilute immediately with clear fluid then call a physician.

SECTION VI - REACTIVITY DATA

Stability : Stable
Incompatibility (Material to Avoid) : Strong oxidizing agents.
Decomposition/By Products : Thermal decomposition may yield oxides of carbon.
Hazardous Polymerization : Will not occur.

SECTION VII – ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled : Dike and contain spill with inert material. Transfer spilled material to containers. Avoid breathing vapors. Ventilate area. Use non-sparking tools.

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be Taken : Keep away from heat and open flames.
Other Precautions : Avoid contact with eyes or skin. Avoid breathing vapors.

SECTION IX – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

SECTION X – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Requirements : Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection : Use approved chemical/mechanical filters designed to remove organic vapors.

Protective Gloves : Impervious gloves.

Eye Protection : Side safety shield glasses.

Other Protective Equipment : Protective clothing.

Hygienic Practices : Eye wash and shower should be available. Use under well ventilated conditions. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities. Do not breath vapor, do not contact eyes, skin and clothing.

SECTION XI – TRANSPORT INFORMATION

ORM-D Exempt for Ground Shipment

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: Class 3 (Flammable Liquids)

D.O.T. PROPER SHIPPING NAME: Methyl Ethyl Ketone

OTHER REQUIREMENTS: U.N. 1993

SECTION XII – HAZARD COMMUNICATION CODES

NFPA RATINGS:

Health : 2
Flammability : 3
Reactivity : 0
Personal Protection : 1

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