

MARKEM CORPORATION -- INK 6835 -- 7510-00-224-6732

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Product Identification
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Product ID:INK 6835
MSDS Date:05/15/1991
FSC:7510
NIIN:00-224-6732
Status Code:A
MSDS Number: CKZVJ
=== Responsible Party ===
Company Name:MARKEM CORPORATION
Address:150 CONGRESS STREET
City:KEENE
State:NH
ZIP:03431
Country:US
Info Phone Num:603-352-1130
Emergency Phone Num:0000000000
CAGE:38360
=== Contractor I
dentification ===
Company Name:MARKEM CORPORATION
Address:150 CONGRESS STREET
Box:City:KEENE
State:NH
ZIP:03431
Country:US
Phone:603-352-1130
CAGE:38360

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHER
CAS:111-76-2
RTECS #:KJ8575000
Minumum % Wt:30.
Maxumum % Wt:50.
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE
CAS:108-65-6
RTECS #:AI8925000
Minumum % Wt:10.
Maxumum % Wt:30.

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Hazards Identification
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION, REDNESS, TEARING,
BLURRED VISION. SKIN: IRRITATION, DRFATTING, DERMATITIS.
INHALATION: IRRITATION, DIZZINESS, WEAKNESS, FATIGUE. INGESTION:
IRRITATION, NAUSEA, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FOR AT
LEAST 15 MINITUES. CALL A
PHYSICIAN IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. LAUNDRER
CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION.
INGESTION: DO NOT INDU CE VOMITING. GET MEDICAL ATTENTION
IMMEDIATELY.

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Fire Fighting Measures
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Flash Point:=46.7C, 116.F
Extinguishing Media:DRY CHEMICAL, CO2, ALCOHOL FOAM
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER
THAN AIR AND MAY
TRAVEL ALONG THE GROUND AND MAY BE IGNITED AT DISTANT LOCATIONS.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. ABSORB
SPILLED MATERIAL WITH VERMICULITE OR FLOOR ABSORBENT. DISPOSE OF
CONTAMINATED MATERIALS PROPERLY. USE APPROPRIATE SAFTEY EQUIPMENT.

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Exposure Controls/Personal Protection
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Respiratory Protection:SUFFICIENT TO MAINTAIN OPERATOR EXPOSURE BELO
W
APPLICABLE OCCUPATIONAL EXPOSURE STANDARDS. ENGINEERING OR
ADMINISTRATIVE CONTROLS OR NIOSH/MSHA RESPIRATORS CAN BE USED TO
REDUCE EXPOSURES. ENGINEERING CONTROLS ARE PREFERRED BY OSHA.
Ventilation:SUFFICIENT TO MAINTAIN OPERATOR EXPOSURE BELOW APPLICABLE
OCCUPATIONAL STANDARDS.
Protective Gloves:APPROPRIATE CHEMICALLY RESISTANT GLOVES
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES
Supplemental Safety and Health
CONTAINERS OF THESE MATERIALS MAY BE HAZARDOUS WHEN EM

PTIED, SINCE

EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES WICH CAN GENERATE VAPORS
WITHIN THE FLAMMABLE LIMITS.

===== Physical/Chemical Properties =====

Vapor Pres:VERY LOW

Evaporation Rate & Reference:LOW

Solubility in Water:MODERATE

Appearance and Odor:LIQUID OR SEMI-SOLIS INK AS COLOR ABOVE MILD,
GRUITY ODOR

Percent Volatiles by Volume:APP. 40%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avo

id:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT AND FLAME

Hazardous Decomposition Products:CO, CO2

===== Toxicological Information =====

Toxicological Information:CHRONIC OVEREXPOSURE TO ETHYLENE GLYCOL
MONOBUTYL ETHER IN ANIMALS HAS BEEN REPORTED TO CAUSE ANEMIA, LIVER
ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE AND BLOOD ABNORMALITIES.
SKIN ABSORPTION MAY POTEN TIALY CONTRIBUTE TO THE OVERALL EXPOSURE
TO THIS MATERIAL. APPROPRIATE M
EASURES SHOULD BE TAKEN TO PREVENT
ABSORPTION.

===== Disposal Considerations =====

Waste Disposal Methods:UNDER THE RESOURCE CONSERVATION AND RECOVERY
ACT. IT IS THE RESPONSIBILITY OF THE GENERATOR KOF THE WASTE TO
DETERMINE AT THE TIME OF DISPOSAL WETHER THE WASTE GENERATED MEETS
THE FEDERAL OR STATE HAZ ARDOUS WASTE CRITERIA.

===== Other Information =====

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