MSDS RECORD NUMBER : 677294
PRODUCT NAME(S) : MYSTON WORKABLE FIXATIVE 546, 646
DATE OF MSDS : 1992-11-23

MANUFACTURER : Koh-I-Noor
ADDRESS : 100 North Street
Box 68
Bloomsbury New Jersey
U.S.A. 08804
Telephone: 908-479-8222

EMERGENCY TELEPHONE NO. : 800-424-9300 (Chemtrec)

MATERIAL SAFETY DATA SHEET
(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - Sept. 1985

 HMIS RATING NFPA Rating
 Health 3 Health 2
 Flammability 4 Flammability 4
 Reactivity 0 Reactivity 0

IDENTITY: MYSTON WORKABLE FIXATIVE 546, 646

Marketer's Name Must Appear Below

Date Prepared
11/23/92
[ ]

Section.II - Hazardous Ingredients/Identity Information

Hazardous Components %
(Specific Chemical Identity, 
Common Names(s))

Ethyl Acetate(141-78-6) 20-30
OSHA PEL: 400
ACGIH TLV: 400
STEL: -

*Acetone (67-64-1) 10-20
OSHA PEL: 750
ACGIH TLV: 750
STEL: 1000

*Methyl Ethyl Ketone (78-93-3) 10-20
OSHA PEL: 200
ACGIH TLV: 200
STEL: 300

*2-Butoxyethanol (111-76-2) 1-10
OSHA PEL: 25skin
ACGIH TLV: 25skin
STEL: -

Butyl Acetate (123-86-4)
OSHA PEL: 150
ACGIH TLV: 150
STEL: 200

Isopropanol (67-63-0)
OSHA PEL: 400
ACGIH TLV: 400
STEL: 500

*n-Butanol (71-36-3)
OSHA PEL: 50
ACGIH TLV: 50
STEL: -

*Dibutyl Phthalate (84-74-2)
OSHA PEL: 5mg/m3
ACGIH TLV: 5mg/m3
STEL: -

Propane/Isobutane/n-Butane (74-98-6)
OSHA PEL: 1000
ACGIH TLV: 1000
STEL: Asphyxiating

Non-hazardous
OSHA PEL: -
ACGIH TLV: -
STEL: -

* All chemical compounds marked with an Asterisk(*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section III - Physical/Chemical Characteristics
Boiling Point Range -40 deg F to 180 deg F
Vapor Pressure PSIG @ 70 deg F ND
Vapor Density (AIR=1) Heavier than Air 4.0
Specific Gravity (H2O=1) 0.8
Melting Point NA
PH Liquid
Evaporation Rate (Butyl Acetate=1) >1
Solubility in Water Nil
Appearance and Odor Clear/Solvent

Section IV - Fire and Explosion Hazard Data NFPA 30B Rating: 3
Flash Point (Method Used) Flammable Limits LEL UEL
-40 deg F TCC 1.9 12.0

Extinguishing Media
Use water fog, dry chemical or carbon dioxide

Section V - Reactivity Data
Stability
Unstable [ ] Conditions to Avoid
Stable [X] High Temperatures

Incompatibility (Materials to Avoid)
Incompatible with strong oxidizers, strong acids, certain amines, strong bases.

Hazardous Decomposition or Byproducts
In fire, will decompose to carbon dioxide, water.

Hazardous Polymerization
May Occur [ ] Conditions to Avoid
Will not Occur [X] None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
Yes Yes Yes

Health Hazards (Acute and Chronic)
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Ethyl acetate may cause anemia.
2-Butoxyethanol may cause corneal injury, blood abnormalities, spleen and testis damage, and may be absorbed through the skin with toxic effects. Methyl ethyl ketone has produced embryotoxic effects in laboratory animals.

Carcinogenicity:
NTP? IARC OSHA Monographs? Yes Yes Yes

Presently not on any list.

Signs and Symptoms of Exposure
Inhalation - Difficulty in breathing. Skin-redness. Ingestion-vomiting.

Medical Conditions Generally Aggravated by Exposure:
Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures
Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method
Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing
Keep away from heat, sparks, or open flame. Store at temperatures below 120 deg F.

Other Precautions
When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII - Control Measures

Respiratory Protection (Specify Type)
Self contained breathing apparatus if above TLV limit exceeding.

Ventilation Local Exhaust Special
Yes None

Mechanical (General) Other
None

Protective Gloves
None required if spraying

Eye Protection
Wear eye protection
Other Protective Clothing or Equipment
Long sleeve and long pants

Work/Hygienic Practices:
Do not smoke while using. Wash hands after use.

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