

MATERIAL SAFETY DATA SHEET

OSHA-20

HKI, INC.

1701 NW Madrid Way

Boca Raton, Florida 33432

phone: 407-750-6708

Date of preparation: March 1, 1992

SECTION I: IDENTIFICATION

Trade Name: STYRO SOLVE

Chemical name: not applicable

Chemical family: not applicable

Formula: not applicable

SECTION II: HAZARDOUS INGREDIENTS

NONE

The specific chemical identities of the ingredients of this mixture are considered by HKI, INC. to be Trade Secrets and are withheld in accordance with the provisions of S1910.1200 of Title 29 of the Code of Federal Regulations.

SECTION III: PHYSICAL DATA

boiling point: 209-315 degrees F

vapor pressure: less than 17mm @ 20 degrees C

vapor density: about 4.5 (air = 1)

solubility in water: complete; emulsifies in all proportions

specific gravity: 0.93 (calculated)

0.98 (measured)

percentage volatile: 95

evaporation rate: less than 1 (ether = 1)

appearance & odor: opaque yellow emulsion with distinctive odor

SECTION IV: FIRE & EXPLOSION HAZARD DATA

flash point: greater than 214 degrees F

flammable limits: LEL 0.7%

UEL 6.1%

special firefighting procedures: SCBA recommended, under certain circumstances, for instance, when the packaged bulk material is involved in a fire, water should not be used and the material handled as an oil fire by Class 3 procedures.

unusual fire hazards: vapors from warmed material may be ignited at a point distant from the material itself.

SECTION V: HEALTH HAZARD DATA

threshold limit value: refer to Section II

EFFECTS OF OVEREXPOSURE

skin--may cause irritation

eyes--may cause irritation, redness, tearing, pain

inhalation--none known; however, in some individuals, on prolonged exposure, throat and respiratory system irritation are possible

EMERGENCY FIRST-AID PROCEDURES

skin--wash exposed area well with soap and water; remove contaminated clothing and launder before reuse

eyes--flush well with running water for fifteen minutes; consult a physician

inhalation--remove from exposure

A physician should be consulted in cases of overexposure or development of any adverse effects from this product.

SECTION VI: REACTIVITY DATA

stability: stable

incompatibility: strong oxidizers

hazardous decomposition products: carbon oxides on thermal decomposition

hazardous polymerization: will not occur

SECTION VII: SPILL OR LEAK PROCEDURES

steps to be taken in case material is spilled: for small spills, wipe up with cloth or sponge and rinse spill area well with water; for large spills, absorb on vermiculite or other suitable non-flammable absorbent, scoop up and containerize, and wash spill area well with water. With all spills, sources of ignition must be eliminated. Note too: that the spilled material is slippery and if on the floor, may present an accident hazard. Spills should be dealt with promptly.

waste disposal method: incineration or other disposal methods in accordance with all applicable local, state and federal laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

respiratory protection: none necessary under reasonably foreseeable condition of storage, use or misuse

ventilation: no special requirements for either local exhaust or general mechanical ventilation are required under reasonable foreseeable conditions of storage, use or misuse

protective gloves: in cases where prolonged and/or repeated contact with the material is likely, rubber, plastic or other impermeable gloves are recommended, particularly for sensitive individuals

eye protection: OSHA approved chemical splash goggles are recommended in all cases where eye contact is probable

other protective equipment: none known

#### SECTION IX: SPECIAL PRECAUTIONS

precautions to be taken in handling and storing: keep containers well closed at all times; store in an area away from heat, flame or other ignition sources; store between 35-110 degrees F; store in an area secure from children or others unable to use the material safely and for its intended purpose; do not store with strong oxidizers

other precautions: Known known. However, in use application and storage, care should be taken to avoid contamination of food or other materials for which this product is not intended. Always read label directions before using.

#### SECTION X: DISCLAIMER

The information in the MSDS was obtained from current and reputable sources, however, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expenses resulting from improper use of this product.