** CCtOHMS Record Number 744309 **

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* Canadian Centre for Occupational Health and Safety  *
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*** IDENTIFICATION ***

MSDS RECORD NUMBER : 744309
PRODUCT NAME(S) : 23-Y-5 STEP SAVER GOLDEN OAK
PRODUCT IDENTIFICATION : Product Code: 171
DATE OF MSDS : 1992-05-28

*** MANUFACTURER INFORMATION ***

MANUFACTURER : DEFT, INC (CAGE Code 33461)
ADDRESS : 17451 VON KARMAN AVENUE
IRVINE CALIFORNIA
U.S.A. 92714
Telephone: 714-474-0400 (INFORMATION)
EMERGENCY TELEPHONE NO. : 800-424-9300 (CHEMTREC)

***

Message from Deft Inc: Information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of the materials and for the safety and health of their employees.

*** SUPPLIER/DISTRIBUTOR INFORMATION ***

SUPPLIER/DISTRIBUTOR : NEWRON SALES INC
ADDRESS : 92B CARRIER DRIVE
ETOBICOKE ONTARIO
CANADA M9W 5R1
Telephone: 416-798-3338
Fax: 416-798-3339

*** MATERIAL SAFETY DATA ***

MATERIAL SAFETY DATA SHEET
For Coatings, Resins and Related Materials
Printed : 02/18/94
Revised : 05/28/92

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SECTION I - PRODUCT IDENTIFICATION
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Product Class: URETHANE
Trade Name : 23-Y-5 STEP SAVER GOLDEN OAK
Product Code : 171
C.A.S. Number: NONE
Prepared By : NORM GAUL
Title : ASSISTANT TECHNICAL DIRECTOR

Hazard Ratings: 
Health - 3
none -> extreme 
Fire - 2
0 --> 4 Reactivity - 1

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SECTION II - HAZARDOUS INGREDIENTS
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MINERAL SPIRITS
CAS #: 64742-88-7

NIOSH recommends a limit of 350 mg/m³ - 8 hours TWA, and
1800 mg/m³ as determined by a 15 minute sample.

C8&10 AROMATIC HYDROCARBON
CAS #: 64742-95-6

Manufacturer recommends a PEL of 100 ppm.

THE ABOVE LISTED PRODUCTS ARE ON THE TSCA INVENTORY LIST.

SECTION III - PHYSICAL DATA

Boiling Range: 306 - 396 Deg. F
Evap. Rate: 0.09 x n-Butyl Acetate
Volatiles: Vol % 42.4, Wgt % 37.9
Vapor Density: Heavier than Air.
Liquid Density: Lighter than Water
Wgt per gallon: 7.52 Pounds.
Spec. Gravity: 0.90276
Appearance: YELLOW LIQUID WITH SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: II
Flash Point: 105 F TCC
LEL: 0.90% UEL: 7.00%

-EXTINGUISHING MEDIA:
FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG.

-SPECIAL FIREFIGHTING PROCEDURES:
Full fire fighting equipment with self-contained breathing apparatus and
full protective clothing should be worn by fire fighters. Water may be
used to cool closed containers to prevent pressure build-up, auto
ignition or explosion.

-UNUSUAL FIRE & EXPLOSION HAZARDS:
Keep containers tightly closed. Isolate from heat, sparks, electrical
equipment and open flame. Closed containers may explode when exposed to
extreme heat. Application to hot surfaces requires special precautions.
During emergency conditions, overexposure to decomposition products may
cause a health hazard. Symptoms may not be immediately apparent.

SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:
SEE SECTION II, HAZARDOUS INGREDIENTS.

-EFFECTS OF OVEREXPOSURE:
INHALATION: Irritation of the respiratory tract & acute nervous system
depression characterized by the following progressive steps: headache,
dizziness, staggering gait, confusion, unconsciousness or coma.

SKIN AND EYE CONTACT: SKIN: Contact with the skin can cause irritation.
Symptoms may be swelling, redness, and rash.
EYES: Liquid aerosols, or vapors are irritating and may cause tearing,
redness, and swelling accompanied by a stinging sensation.

SKIN ABSORPTION: Prolonged or repeated contact can cause moderate
irritation, drying, and defatting of the skin which can cause the skin to
crack.

INGESTION: Acute: Can result in irritation and possible corrosive
action in the mouth, stomach tissue and digestive tract. Vomiting may
cause aspiration of the solvent, resulting in chemical pneumonitis.
HEALTH HAZARDS (ACUTE AND CHRONIC)
ACUTE: Vapors are irritating to eyes, nose, and throat. Inhalation may cause headaches, difficult breathing and loss of consciousness.
CHRONIC: Prolonged contact will cause drying and cracking of the skin, due to defatting action. Skin sensitization, asthma or other allergic responses may develop.

CARCINOGENICITY:
NTP?: NO, IARC MONOGRAPHS?: NO, OSHA REGULATED?: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Asthma and any other respirator disorders. Skin allergies, eczema, and dermatitis.

-FIRST AID:
INHALATION: Move to an area free from risk of further exposure. Restore breathing. Asthmatic type symptoms may develop and may be immediate or delayed by several hours. Obtain medical attention.

SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

EYES: Flush with clean lukewarm water (low pressure) for at least 15 minutes, occasionally lifting eyelids. Obtain medical attention.

INGESTION: Do not induce vomiting. Do not give anything to an unconscious person. Obtain medical attention.

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SECTION VI - REACTIVITY DATA
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STABILITY: [X] Unstable [ ] Stable
HAZARDOUS POLYMERIZATION: [ ] May occur [X] Will not occur

-INCOMPATIBILITY:
STRONG OXIDIZING AGENTS.

-CONDITIONS TO AVOID:

HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES

-HAZARDOUS DECOMPOSITION PRODUCTS:
BY HIGH HEAT/TEMPERATURE: Carbon monoxide, carbon dioxide, and oxides of nitrogen.

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SECTION VII - SPILL OR LEAK PROCEDURES
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- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Evacuate all non-essential personnel. Remove all sources of ignition (flame, spark sources, hot surfaces). Ventilate area. Contain and remove with inert absorbent and non-sparking tools.

-WASTE DISPOSAL METHOD
Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Empty containers must be handled with care, due to product residue and flammable vapor. DO NOT incinerate closed containers.
ALSO SEE SECTION IV, V, VI, FOR OTHER PRECAUTIONS.

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SECTION VIII - SPECIAL PROTECTION INFORMATION
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-RESPIRATORY PROTECTION:
A respirator that is recommended or approved for use in an organic vapor environment (air purifying or fresh air supplied) is necessary. Observe OSHA regulations for respirator use. Ventilation should be provided to keep exposure levels below the OSHA permissible limits.

-VENTILATION:
Exhaust ventilation sufficient to keep the airborne concentrations of solvent vapors or mists below their respective TLV's must be utilized. Remove all ignition sources (heat, sparks, flame, and hot surfaces).

-PROTECTIVE GLOVES:
Protective gloves are recommended (cotton, neoprene, rubber.
polyethylene) to prevent skin contact.

- **EYE PROTECTION:**
  The use of safety eyewear is recommended, including splash guards or side shields, chemical goggles or face shields.

- **OTHER PROTECTIVE EQUIPMENT:**
  The use of long sleeve and long leg clothing is recommended. Remove and wash contaminated clothing before reuse.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**
Store in buildings designed to comply with OSHA 1910.106. Avoid storing near high temperatures, fire, open flames, and spark sources. Store in tightly closed containers. Store in well ventilated areas.

- **OTHER PRECAUTIONS:**
  Keep containers tight and upright to prevent leakage. Prevent prolonged breathing of vapors or spray mists. Prolonged overexposure may cause an allergic reaction. Avoid contact with skin and eyes. Do not take internally. Do not handle until the manufacturers safety precautions have been read and understood. Wash hands before eating, smoking, or using washroom. Smoke in smoking areas ONLY.

DOT # UN-1263
ACTUAL VOC DETERMINED PER EPA REFERENCE METHOD 24.

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**SECTION X - REGULATORY INFORMATION**

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**SARA 313:**
This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>61789-51-3</td>
<td>PAINT DRIER</td>
<td>0.04</td>
</tr>
</tbody>
</table>

Contains a cobalt compound, 6% by weight.

- **PROP 65-CARCINOGENIC**
  **WARNING:** This product contains a chemical known to the state of California to cause cancer.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

- **PROP 65-TERATOGENTIC:**
  **WARNING:** This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

- **PROP 65-CARCINOGENIC & TERATOGENTIC**
  **WARNING:** This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
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