

MATERIAL SAFETY DATA SHEET NPCA 1-84
FOR COATINGS, RESINS, AND RELATED MATERIALS
REPLACES NPCA 1-82

3697-05

MANUFACTURER'S NAME

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER D-82

PRODUCT NAME QUICK DRY SIZE

PRODUCT CLASS OLEORESINOUS VARNISH

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT | OCCUPATIONAL EXPOSURE LIMITS | | VAPOR PRESSURE |
|-------------------------|---------|------------------------------|---------|---------------------|
| | | TLV | PEL | |
| MINERAL SPIRITS, EXEMPT | 46.0 | 125 PPM | 500 PPM | 0.1 PSI @ 100° F. |
| DIPENTINE | 7.2 | N.A. | N.A. | 2.0 mm/20° C (mmHg) |

SECTION III - PHYSICAL DATA

BOILING RANGE 323-390° F
EVAPORATION RATE
WT/GAL 7.45

VAPOR DENSITY - HEAVIER THAN AIR
& VOLATILE VOLUME 59.8

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 104 Deg F. **METHOD:** TCC **NOTE:** Minimum
FLAMMABLE LIMITS: LEL: 2.3 UEL: 14.4 77 @ F **NOTE:** Approximate
AUTOIGNITION TEMPERATURE: 490 Deg F. **NOTE:** Approximate

GENERAL HAZARD

Combustible Liquid, can form combustible mixtures at temperatures at or above the flashpoint.

Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge.

"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconitioner, or properly disposed of.

FIRE FIGHTING

Use water spray to cool fire exposed surfaces and to protect personnel.

Isolate "fuel" supply from fire.

Use foam, dry chemical, or water spray to extinguish fire.

Avoid spraying water directly into storage containers due to danger of boilover.

This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

HAZARDOUS COMBUSTION PRODUCTS

No unusual

SECTION V - HEALTH HAZARD DATA

NATURE OF HAZARD**EYE CONTACT:**

Slightly irritating but does not injure eye tissue.

SKIN CONTACT:

Occasional brief contact with the liquid will not result in significant irritation unless evaporation is impeded.

Skin contact may aggravate an existing dermatitis condition.

INHALATION:

High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

Low order of toxicity.

INGESTION:

Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

Minimal toxicity.

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FIRST AID**EYE CONTACT:**

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT:

Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.

INHALATION:

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

WORKPLACE EXPOSURE LIMITS

OSHA REGULATION 29CFR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE EXPOSURE LIMITS:

A TWA of 100 ppm (525 mg/m³) for Stoddard Solvent.

The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity.

PRECAUTIONS**SPECIAL PRECAUTIONS**

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

SECTION VI - REACTIVITY DATA

This product is stable and hazardous polymerization will not occur.

Conditions to avoid Instability:

Not Applicable

Conditions to avoid Hazardous Polymerization:

Not Applicable

Materials & Conditions to avoid Incompatibility:

Halogens, molten sulfur, strong oxidizing agents.

Hazardous Decomposition Products:

None

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SECTION VII - SPILL OR LEAK PROCEDURES

LAND SPILL

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 9) notify the National Response Center.

Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust.

Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

WATER SPILL

Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear.

Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

PERSONAL PROTECTION

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.

Where contact may occur, wear safety glasses with side shields.

Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

VENTILATION

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be stored and handled in a lab hood. Provide mechanical ventilation of confined spaces. See respiratory protection recommendations.

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SECTION IX - SPECIAL PRECAUTIONS

NOTES:

HAZARD RATING SYSTEMS:

This information is for people trained in:
National Paint & Coatings Association's (NPCA)
Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)
Identification of the Fire Hazards of Materials

Table with 4 columns: Category (HEALTH, FLAMMABILITY, REACTIVITY), NPCA-HMIS, NFPA 704, and KEY (4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal)

Note: In containers of 119 gallons capacity or less this product is not regulated by DOT.

CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

Delayed Health, Fire.

This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.