



NAIL POWER

Because everyone wants professional results™

Product Information

Applications

How To Use

Ask Nail Power

FAQ

Where to Buy



MATERIAL SAFETY DATA SHEET

MSDS Name: NAIL POWER Deck & SUB-FLOOR ADHESIVE
 MSDS Number: 08NP07
 Version Number: 1
 MSDS Date: MAR-20-2001
 Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: NAIL POWER Deck & SUB-FLOOR
 ADHESIVE
 Hazard Rating: Health: 1 Fire: 3 Reactivity: 0 PFI: D

Company Identification: Sovereign specialty chemicals, Inc.
 7405 PRODUCTION DRIVE
 MENTOR
 OH 44060

Contact: Safety Officer
 Telephone/Fax: (440) 235-8900 (440) 974-2395
 Emergency Phone (24 hour) CHEMTREC
 (800) 424-9300
 Chemtrec (outside-USA) (703) 527-3887
 Preparer T.F.Barr
 Sr. R.&D. Chemist

Product Class: ADHESIVE
 Trade Name: NAIL POWER
 Product Code: 08NP07

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name CAS Number
 Percent TSCA

n-Hexane 110-54-3 10 - 15 Y

Light Aliphatic Naphtha 64742-89-8 5 - 10 Y

TOLUENE 108-88-3 5 - 10 Y

ETHANOL 64-17-5 < 5.0 Y

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-aq mastic
 Appearance/Color: Tan
 Odor: Slight hydrocarbon
 Solubility (in water): Insol. in water
 pH Value, +/- .3: Not Applicable
 Boiling Range: 160.F - 230.F (71.1C - 110.C)
 Vapor Pressure (mmHg): 155.8 @ 69.F (20.C)
 Evaporation Rate: 4.8 times faster than n-Butyl Acetate

Vapor Density: Heavier than air

 MATERIAL SAFETY DATA SHEET

MSDS Name: NAIL POWER Deck & SUB-FLOOR ADHESIVE
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 MSDS Date: MAR-20-2001
 Page Number: 2

 % Volatile, Weight 32.8
 % Volatile, Volume 45.8
 Specific Gravity: 1.09283
 VOC (less H2O or exempt) 385 g/l
 Heavy Elements (ppm) 0.

NOTE:

*BOIL RANGE, EVAP RATE, VAPOR DENSITY AND PRESSURE FOR SOLVENT ONLY!

SECTION IV - FIRE FIGHTING MEASURES (Flash,UEL,LEL for solvent only)

Flammability Class I B
 Flash Range: 0.F - 60.F (-17.78C - 15.56C)
 Tag Closed Cup
 Explosive Range (LEL/UEL): 1.8
 6.5%

EXTINGUISHING MEDIA:

Carbon Dioxide---Dry Chemical---Foam
 Use water to cool material in vicinity of fire.

SPECIAL FIRE-FIGHTING PROCEDURES:

Use self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Water may be unsuitable except as a cooling agent. Use fog nozzle. Any closed container may rupture when exposed to extreme heat. Solvent vapors are heavier than air and travel along the ground.

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS...

Normal exposure--Eye, Skin Irritation

Overexposure-- Light Aliph. Naphtha: Central nervous system

-- Ethanol: liver effects

-- Toluene: Central Nervous System, Respiratory

Tract, May aggravate pre-existing heart

conditions. May cause adverse health effect

on Kidney and Liver on chronic overexposure.

CARCINOGENICITY...

NTP? N/E | IARC Monographs? N/E | OSHA? NO

Contains N-Hexane which can cause peripheral neuropathy and central nervous system damage.

EFFECTS OF OVEREXPOSURE

Eyes: Can cause irritation, redness, tearing and blurred vision.

MATERIAL SAFETY DATA SHEET

MSDS Name: NAIL POWER Deck & SUB-FLOOR ADHESIVE
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 Version Number 1
 MSDS Date: MAR-20-2001
 Page Number: 3

 Skin: Prolonged or repeated contact can cause moderate

Irritation, defatting, and dermatitis.

Inhalation: Excessive inhalation of vapors can cause respiratory irritation, headache, drowsiness and fatigue. High concentrations of vapors are anesthetic and may cause central nervous system effects such as dizziness.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver or kidney damage and mucous membrane irritation.

INTENTIONAL misuse of this product by deliberately inhaling its vapors may be harmful or fatal.

FIRST AID MEASURES

Eyes: Flush eyes gently with water for at least 15 minutes lifting eyelids occasionally; get prompt medical attention

Skin: Wash thoroughly with soap and water; apply a mild skin cream. Remove contaminated clothing.

Inhalation: Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING! Get immediate medical attention.

SECTION VI - STABILITY AND REACTIVITY

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Keep away from strong oxidizing agents such as bleach.

CONDITIONS TO AVOID:

Keep away from heat, spark, open flames and any ignition source.

HAZARDOUS DECOMPOSITION PRODUCTS:

Will produce fumes and smoke containing carbon monoxide and dioxide under fire conditions.

SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:

Eliminate all ignition sources. Ventilate confined areas. (Open windows and doors). Wear appropriate protective clothing.

Cover with absorbent. Scoop into sealable safety container.

WASTE DISPOSAL METHOD:

Dispose of following local, state, and federal regulations.

MATERIAL SAFETY DATA SHEET

MSDS Name: NAIL POWER Deck & SUB-FLOOR ADHESIVE

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Version Number 1

MSDS Date: MAR-20-2001

Page Number: 4

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV ACGIH TLV-C ACGIH STEL OSHA STEL OSHA PEL

n-Hexane

50.00 PPM N/est N/est N/est 50.00 PPM

Light Aliphatic Naphtha

400.00 PPM N/est N/est N/est 500.00 PPM

TOLUENE

100.00 PPM N/est 150.00 PPM 150.00 PPM 150.00 PPM

ETHANOL

1000.00 PPM N/est N/est N/est 1000.00 PPM

RESPIRATORY PROTECTION:

If TLV of the product is exceeded, a NIOSH/MSHA jointly approved air supply respirator is advised in the absence of proper ventilation. OSHA regulations also permit the use of other types of NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier for more information)

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

Ventilate during application and curing of this product.

PROTECTIVE CLOTHING:

Rubber gloves should be worn where skin contact is likely.

Wear impervious clothing and shoes.

EYE PROTECTION:

Chemical goggles or safety glasses should be worn.

HANDLING AND STORAGE PRECAUTIONS:

Keep away from heat, spark and flame.

Keep out of reach of children.

Keep container closed while not in use.

Do not cut or burn recepticals that have contained a solvent based product. Do not reuse this container.

Use only in a well ventilated area.

N/A=NOT APPLICABLE N/AV=NOT AVAILABLE N/E, N/est=NOT ESTABLISHED

SECTION IX - TRANSPORT INFORMATION:

DOT CLASSIFICATIONS FOR CARTRIDGES 10 or 29 oz.

DESCRIPTION: ORM-D, Consumer commodity

MATERIAL SAFETY DATA SHEET

MSDS Name: NAIL POWER Deck & SUB-FLOOR ADHESIVE

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Page Number: 5

CLASS/ UN NO.: none

DOT LABEL: ORM-D (Adhesives)

IMDG class: 3.1

IMDG BOL: Adhesive, 3, UN1133, PG III, LTD QTY

DOT CLASSIFICATIONS for 1 GALLON or larger CONTAINERS

DESCRIPTION: Adhesive

CLASS: Class 3, Packing group III

DOT LABEL: Flammable Adhesive, UN 1133

IMDG CLASS: 3.1

IMDG BOL: Adhesive, 3, UN1133, PG III

SECTION X - REGULATORY INFORMATION:

SARA TITLE III SECTION 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:

Ingredient Name CAS Number Percent

n-Hexane 110-54-3 10 - 15

TOLUENE 108-88-3 5 - 10

-PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.
Ingredient Name CAS Number Percent

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