



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

### 1. Identification

<b>Product identifier</b>	Benite®
<b>Other means of identification</b>	
SDS number	03
Synonyms	11000 Series
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	Not available.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Daly's Wood Finishing Products, 4522 S 133 <sup>rd</sup> St , Tukwila, WA 98168.
<b>General Assistance</b>	(206) 244-8844, toll free: (800) 727-9694
<b>E-Mail</b>	info@dalyswoodfinishes.com
<b>Contact Person</b>	Not available.
<b>Emergency Telephone</b>	Chemtrec : 800-424-9300

### 2. Hazard(s) Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity, inhalation	Category 3
	Skin corrosion/irritation	Category 2
	Sensitization, Skin	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Specific target organ toxicity, single exposure; Narcotic effects, Respiratory tract irritation	Category 3
	Aspiration hazard	Category 1

**Label elements**



**Signal word**

Danger

**Unknown Toxicity**

2.6% of the mixture consists of ingredient(s) of unknown toxicity.



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

### Hazard statement

Flammable liquid and vapour. Toxic if inhaled. Causes skin irritation. May cause an allergic skin reaction. May cause genetic defects. May cause cancer. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

### Precautionary statement

#### Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Wash skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the work place. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse SKIN with water/shower. In case of fire: Use CO<sub>2</sub>, dry chemical, foam, water fog for extinction. IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and Keep comfortable for breathing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

#### Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazard(s) not otherwise classified (HNOC)

None known.

## 3. Composition/information on ingredients

### Mixture

Chemical name	CAS number	%
Mineral spirits	64742-47-8	83.66



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

Linseed oil	8001-26-1	8.19
Castung	68038-02-8	4.53
Solvent naphtha (petroleum)	64742-95-6	0.29
Xylene	1330-20-7	0.07

### 4. First-aid measures

<b>Inhalation</b>	Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately.
<b>Skin contact</b>	Wash area with soap and water. If irritation persists, get medical attention.
<b>Eye contact</b>	Wash with clean water for at least fifteen minutes; get medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Give water or milk to drink; Get medical attention if symptoms developed.
<b>Most important symptoms/effects, acute and delayed</b>	May cause redness, irritation of eye. Inhalation may cause dizziness, headache, nausea, possible nervous system depression. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. When comes in contact with skin may cause rash, cracking, dryness or defatting of skin. Pre-existing lung or skin conditions could be aggravated by repeated exposure.
<b>Indication of immediate medical attention and special treatment needed</b>	Keep victim warm and rested. Avoid any direct contact with the product. Never give anything by mouth to an unconscious person. Symptomatic treatment should include, above all, measured of support as correction of hydro electrolytic and metabolic disturbances and respiratory failure.
<b>General information</b>	If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	CO <sub>2</sub> , dry chemical, foam, water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

**Specific hazards arising from the chemical**

None known.

**Special protective equipment and Special firefighting procedures**

Fight as a volatile fire; do not enter enclosed or confined fire spaces without proper protective equipment. This may include self-contained breathing apparatus.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Use only non-sparking tools. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid discharge into drains, water courses or onto the ground. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Provide ventilation. Take precautionary measures against static discharge. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk. Rags and absorbent material should be immersed in water. For waste disposal, see section 13 of the SDS.

**Environmental Precautions Methods and materials for containment and cleaning up**

### 7. Handling and storage

**Precautions for safe handling**

Store away from high temperature, sparks, or open flame. Read and observe all precautions on product label. KEEP OUT OF REACH OF CHILDREN.

**Conditions for safe storage**

Store in original container; keep tightly closed. Do not reuse container for other purposes. Store away from incompatible materials.

**Incompatible materials**

Avoid strong oxidizing agents.

### 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Components	Type	Value
Mineral spirits	PEL(TWA)	500 ppm



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

Oil mist (Linseed oil)	PEL(TWA)	5 mg/m <sup>3</sup>
Naphtha	PEL(TWA)	2000 mg/m <sup>3</sup>
Xylene	PEL(TWA)	100 ppm (435 mg/m <sup>3</sup> )

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Mineral spirits	TWA	500 ppm
Oil mist (Linseed oil)	TWA	5 mg/m <sup>3</sup>
Xylene	TWA	100 ppm (435 mg/m <sup>3</sup> )

### US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the chemical in this product is listed.

### US. OSHA Table Z-3 (29 CFR 1910.1000)

None of the chemical in this product is listed.

### US. ACGIH Threshold Limit Values

Components	Type	Value
Mineral spirits	TLV(TWA)	100 ppm
Oil mist (Linseed oil)	TLV(TWA)	5 mg/m <sup>3</sup>
Xylene	TLV(TWA)	100 ppm
	TLV(ST)	150 ppm

### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Mineral spirits	REL(TWA)	350 mg/m <sup>3</sup>
	REL(Ceiling)	1800 mg/m <sup>3</sup> (15-minute)
Oil mist (Linseed oil)	REL(TWA)	5 mg/m <sup>3</sup>
	REL(ST)	10 mg/m <sup>3</sup>
Naphtha	REL(TWA)	350 mg/m <sup>3</sup>
Xylene	REL(TWA)	100 ppm (435 mg/m <sup>3</sup> )
	REL(ST)	150 ppm (655 mg/m <sup>3</sup> )

### Appropriate engineering controls

Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear goggles or face shield.



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

### Skin protection

**Hand protection**

Use Neoprene or rubber gloves.

**Other**

Eyewash station should be available.

### Respiratory protection

Wear NIOSH-approved respirator for organic vapors. Ensure workers are trained in their proper use.

### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Eye wash fountain and emergency showers are recommended.

## 9. Physical and chemical properties

<b>Appearance</b>	Clear amber liquid
<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Clear amber
<b>Odor</b>	Petroleum distillate odor
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting point/freezing point</b>	Not available
<b>Initial boiling point and boiling range</b>	300-405 °F
<b>Flash point</b>	107 °F
<b>% Volatile by Volume</b>	88%
<b>Evaporation rate (BuOAc=1)</b>	0.13
<b>Maximum Volatile Organic Compound (V.O.C.)</b>	680 gr/L
<b>Flammability (solid, liquid, gas)</b>	Flammable liquid and vapor
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	1.0
<b>Flammability limit – upper (%)</b>	6.0
<b>Explosive limit - lower (%)</b>	Not available
<b>Explosive limit - upper (%)</b>	Not available
<b>Vapor pressure (mm Hg)</b>	5mm Hg at 77°F
<b>Vapor density (Air=1)</b>	4.9
<b>Relative density (Specific gravity)</b>	0.80
<b>Solubility(ies)</b>	



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

<b>Solubility (water)</b>	Insoluble
<b>Solubility (other)</b>	Soluble in petroleum solvents
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available

### 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	Avoid strong oxidizing agents.
<b>Hazardous decomposition Products</b>	Usual products of combustion CO, CO <sub>2</sub> , possibly acrolein, and oxides of nitrogen.

### 11. Toxicological information

#### Information on likely routes of exposure

<b>Ingestion</b>	May cause nausea, gastrointestinal irritation, or vomiting.
<b>Inhalation</b>	May cause dizziness, headache, nausea, possible nervous system depression.
<b>Skin contact</b>	May cause rash, cracking, dryness or defatting of skin.
<b>Eye contact</b>	May cause redness, irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	May cause redness, irritation of eye. Inhalation may cause dizziness, headache, nausea, possible nervous system depression. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. When comes in contact with skin may cause May cause rash, cracking, dryness or defatting of skin.
<b>Delayed and immediate effects and also chronic effects from short- and long-term exposure</b>	Pre-existing lung or skin conditions could be aggravated by repeated exposure.

#### Numerical measures of toxicity

Components	Test	Species	Test Results
Mineral spirits (CAS 64742-47-8)	Oral LD <sub>50</sub>	Rat	>5000mg/l
	Dermal LD <sub>50</sub>	Rabbit	>2000mg/l



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

Solvent naphtha (CAS 64742-95-6)	Inhalation LC <sub>50</sub>	Rat	> 5.28mg/l,4h
	Oral LD <sub>50</sub>	Rat	>14000 mg/kg
	Dermal LD <sub>50</sub>	Rabbit	>2000 mg/kg
Xylene (CAS 1330-20-7)	Inhalation LC <sub>50</sub>	Rat	6,000 - 10,000 mg/m <sup>3</sup> , 4h
	Oral LD <sub>50</sub>	Rat	3523 mg/kg
	Dermal LD <sub>50</sub>	Rabbit	4300 mg/kg
	Inhalation LC <sub>50</sub>	Rat	6350 ppm, 4h

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	No data available.
<b>Skin sensitization</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	May cause genetic defects. This product presents positive results of mutagenicity in <i>invitro</i> studies.
<b>Carcinogenicity</b>	May cause cancer. There are in vivo studies that indicate positive results of kidney and liver cancer.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

### 12. Ecological information

#### Numerical measures of toxicity

Components	Test	Species	Test Results
Mineral spirits (CAS 64742-47-8)	Fish LC <sub>50</sub>	Bluegill <i>(Lepomis macrochirus)</i>	2.2 mg/l, 96h
Xylene (CAS 1330-20-7)	Fish LC <sub>50</sub>	Fathead minnow <i>(Pimephales promelas)</i>	13.4mg/l, 96h
		Water flea <i>(Ceriodaphnia dubia)</i>	> 3.4 mg/L, 48h
	Algae EC <sub>50</sub>	Microalga ( <i>Selenastrum capricornutum</i> )	4.9mg/l, 72h
Solvent naphtha (CAS 64742-95-6)	Fish LC <sub>50</sub>	Rainbow trout <i>(Oncorhynchus mykiss)</i>	9.2 mg/l, 96h

**Persistence and degradability** No information available.





# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

**Bioaccumulative potential**  
**Mobility in soil**  
**Other adverse effects**

No information available.  
No information available.  
No information available.

### 13. Disposal considerations

**Disposal instructions**

Rags and absorbent material should be immersed in water. Dispose of in accordance with all federal, state and local regulations.

**Hazardous waste code**

**US RCRA Hazardous Waste U List : Reference**

Xylene (CAS 1330-20-7)

U239

**Waste from residues / unused products**

None known.

**Contaminated packaging**

The treatment and disposal should be evaluated specifically for each product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not reuse container for other purposes.

### 14. Transport information

**DOT**

**UN number**

1263

**UN proper shipping name**

PAINT RELATED MATERIAL

**Transport hazard class(es)**

**Class**

3

**Subsidiary risk**

-

**Label(s)**

3-Flammable liquids



**Packing group**

III

**Environmental hazards**

**Marine pollutant**

Yes

**Special precautions for user**

Read safety instructions, SDS and emergency procedures before



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

handling.

### IATA

**UN number** 1263  
**UN proper shipping name** Paint related material  
**Transport hazard class(es)**  
**Class** 3  
**Subsidiary risk** -  
**Label(s)** 3-Flammable liquids



**Packing group** III  
**Environmental hazards** Yes  
**ERG Code** 3L  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

### IMDG

**UN number** 1263  
**UN proper shipping name** PAINT RELATED MATERIAL  
**Transport hazard class(es)**  
**Class** 3  
**Subsidiary risk** -  
**Label(s)** 3-Flammable liquids



**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS** F-E, S-D  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex** Not available.



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

II of MARPOL 73/78 and the IBC Code

### 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None of the chemicals in this product is listed.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

- Mineral spirits (CAS 64742-47-8)
- Oil mist (Linseed CAS 8001-26-1)
- Solvent naphtha (CAS 64742-95-6)
- Xylene (CAS 1330-20-7)

**CERCLA Hazardous Substance List (40 CFR 302.4)**

- Xylene (CAS 1330-20-7)

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard	-	Yes
	Delayed Hazard	-	Yes
	Fire Hazard	-	Yes
	Pressure Hazard	-	No
	Reactivity Hazard	-	No

**SARA 302/304 Extremely hazardous substance**

None of the chemical in this product is listed.

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**

Chemical Name	CAS number	% by wt.
Xylene	1330-20-7	0.07

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Xylene (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

None of the chemicals in this product is listed.

**Safe Drinking Water Act (SDWA)**

None of the chemicals in this product is listed.



# SAFETY DATA SHEET

## BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

### US State regulations

#### US. Massachusetts RTK – Substance List

Mineral spirits (CAS 64742-47-8)

Xylene (CAS 1330-20-7)

#### US. New Jersey Worker and Community Right-to-Know Act

Xylene (CAS 1330-20-7)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Linseed oil (CAS 8001-26-1)

Xylene (CAS 1330-20-7)

#### US. California Proposition 65

##### US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

None of the chemicals in this product is listed.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non- Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Japan	Existing Chemical List (ECL)	Yes
Korea	Existing Chemical List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Philippines	Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

Issue date

07-24-2001



# SAFETY DATA SHEET

BENITE®

Revised Date: 08-24-2015

Supersedes: 07-24-2001

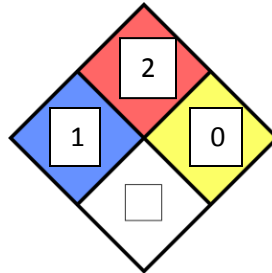
**Revision date**

08-24-2015

**Version #**

01

**NFPA rating**



## References

ACGIH: Documentation of the Threshold Limit Values and Biological Exposure indices  
ECHA: European Chemicals Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
NIOSH: The National Institute for Occupational Safety and Health  
NTP: National Toxicology Program  
NLM: Hazardous Substances Data Base  
OECD : Organization for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration

## Disclaimer

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.