



SAFETY DATA SHEET

SEAFIN SUPER SPAR®

Revised Date: 11-17-2015

Supersedes: 10-10-2000

1. Identification

Product identifier SeaFin Super Spar®

Other means of identification

SDS number 01

Synonyms 15200 Series

Recommended use Not available.

Recommended restrictions Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Daly's Wood Finishing Products
4522 S 133rd Street
Tukwila , Wa 98168

General Assistance 206-244-8844, Toll free: (800) 727-9694

E-Mail Not available.

Contact Person Not available.

Emergency Telephone Chemtrec (800)424-9300

2. Hazard(s) Identification

Physical hazards Flammable liquids Category 3

Health hazards Skin corrosion/irritation Category 2

Sensitization, Skin Category 1

Carcinogenicity Category 2

Reproductive toxicity Category 2

Specific target organ toxicity, single Category 3

exposure; Narcotic effects,

Aspiration hazard Category 1

Label elements



Signal word Danger

Unknown Toxicity 14.77 % of the mixture consists of ingredient(s) of unknown toxicity.

Hazard statement Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May be fatal if swallowed and enter the airways.



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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. Wash skin thoroughly after handling. 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

Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.
IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. In case of fire: Use CO₂, 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. Take off contaminated clothing and wash before reuse. 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 locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

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

| <u>Chemical name</u> | <u>CAS number</u> | <u>%</u> |
|----------------------|-------------------|----------|
| Mineral spirits | 64742-47-8 | <38 |
| Toluene | 108-88-3 | <1 |
| Butanone oxime | 96-29-7 | <1 |

4. First-aid measures

Inhalation

Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately.

Skin contact

Wash area with soap and water.



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Eye contact

Wash with clean water for at least fifteen minutes; get medical attention.

Ingestion

DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention.

Most important symptoms/effects, acute and delayed

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.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. In case of shortness of breath, give oxygen. Keep victim warm.

General information

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

Suitable extinguishing media

CO₂, dry chemical, foam, water fog.

Unsuitable extinguishing media

None known.

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. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.



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Environmental Precautions Methods and materials for containment and cleaning up

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. Soak up spill with absorbent material. Rags and absorbent material should be immersed in water. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling

Read and observe all precautions on label. Use only with adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage

KEEP OUT OF REACH OF CHILDREN. Store locked up. Store in original container; keep tightly closed and appropriately labeled. Do not reuse container for other purposes. Store away from high temperature, sparks, or open flame and incompatible materials.

Incompatible materials

None known.

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 |
| Toluene | PEL (TWA) | 200 ppm |
| | PEL (Ceiling) | 300 ppm |
| | | 500 ppm (Max Ceiling) |

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

| Components | Type | Value |
|-----------------|------|---------|
| Mineral spirits | TWA | 500 ppm |

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

| Components | Type | Value |
|------------|---------|--------------------------------|
| Toluene | TWA | 200 ppm |
| | Ceiling | 300 ppm, 500 ppm (Max Ceiling) |



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

None of the components in this product is listed.

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|-----------------|----------|---------|
| Mineral spirits | TLV(TWA) | 100 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-----------------|--------------|------------------------------------|
| Mineral spirits | REL(TWA) | 350 mg/m ³ |
| | REL(Ceiling) | 1800 mg/m ³ (15-minute) |
| Toluene | REL (TWA) | 100 ppm (375 mg/m ³) |
| | REL (ST) | 150 ppm (560 mg/m ³) |

Appropriate engineering controls Provide adequate general and local exhaust ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment

Eye/face protection Goggles or face shield.

Skin protection

Hand protection

Wear neoprene or rubber gloves.

Other

Wear impervious protective clothing. Eyewash station should be available.

Respiratory protection

Wear a NIOSH approved respirator for organic vapors and ensure workers are trained in proper use. Provide adequate ventilation to keep vapor concentration below TLV.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Keep work area clean and free from spills and leaks. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance

Dark amber liquid.

Physical state

Liquid.

Form

Liquid.

Color

Dark amber.

Odor

Petroleum distillate odor.

Odor threshold

Not available.

pH

Not available.



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| | |
|---|--------------------------------|
| Melting point | Not available. |
| Freezing point | Not available. |
| Initial boiling point and boiling range | 300-405 °F |
| Flash point | 101 °F |
| % Volatile by Volume | 56 % |
| Evaporation rate (BuOAc=1) | 0.13 |
| Maximum Volatile Organic Compound (V.O.C.) | 450 grams/liter |
| Flammability (solid, liquid, gas) | Flammable liquid and vapors. |
| Upper/lower flammability or explosive limits | |
| Flammability limit – lower (%) | Not available. |
| Flammability limit – upper (%) | Not available. |
| Explosive limit - lower (%) | 1.0 |
| Explosive limit - upper (%) | 6.0 |
| Vapor pressure (mm Hg) | 5mm Hg at 77 °F |
| Vapor density (Air=1) | 4.9 |
| Relative density (Specific gravity) | 0.89 |
| Solubility(ies) | |
| Solubility (water) | Insoluble. |
| Solubility (other) | Soluble in petroleum solvents. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not applicable. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | Hazardous reactions will not occur under normal conditions. |
| Chemical stability | Stable under recommended handling and storage conditions. |
| Possibility of hazardous reactions | Hazardous polymerization will not occur. |
| Conditions to avoid | None known. |
| Incompatible materials | None known. |
| Hazardous decomposition Products | Usual products of combustion: CO, CO ₂ possibly acrolein, and oxides of nitrogen. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Ingestion | May cause nausea, gastrointestinal irritation or vomiting. |
| Inhalation | May cause dizziness, headache, nausea, possible nervous system depression. |
| Skin contact | May cause rash, cracking, dryness or defatting of skin. |



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Eye contact
Symptoms related to the physical, chemical and toxicological characteristics

May cause redness and irritation.
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.

Delayed and immediate effects and also chronic effects from short- and long-term exposure

No adverse long term affects are known, when used in accordance with safe handling information (see section 8). Pre-existing lung or skin conditions could be aggravated by repeated exposure.

Numerical measures of toxicity

Components

Para-aramid (CAS 26125-61-1)
Mineral spirits (CAS 64742-47-8)

Test

Oral LD₅₀
Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀
Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Species

Rat
Rat
Rabbit
Rat
Rat
Rabbit
Rat

Test Results

>7500 mg/kg
>5000 mg/kg
>2000 mg/kg
> 5.28 mg/l, 4h
636mg/kg
>2000 mg/kg
12.5 mg/l, 4h

Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory or skin sensitization

Causes skin irritation.
No data available.

Respiratory sensitization
Skin sensitization

No data available.
May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Butanone oxime (CAS 96-29-7) Not listed.

NTP Report on Carcinogen

Butanone oxime (CAS 96-29-7) Not listed.

U.S OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Butanone oxime (CAS 96-29-7) Not listed.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

May be fatal if swallowed and enter the airways.



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12. Ecological information

Numerical measures of toxicity

| Components | Test | Species | Test Results |
|-------------------------------------|----------------------------|---|----------------|
| Mineral spirits (CAS 64742-47-8) | Fish LC ₅₀ | Bluegill (<i>Lepomis macrochirus</i>) | 2.2 mg/l, 96h |
| Toluene (CAS 108-88-3) | Fish LC ₅₀ | Rainbow trout (<i>Oncorhynchus mykiss</i>) | 5.5 mg/l, 96h |
| | Crustacea EC ₅₀ | Water flea (<i>Daphnia magna</i>) | 6.56 mg/l, 48h |
| | Algae EC ₅₀ | Microalga (<i>Selenastrum capricornutum</i>) | 12.5 mg/l, 72h |

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. Disposal considerations

Disposal instructions

Dispose in accordance with all applicable federal, state and local regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container; dispose of this material and its container in a safe way.

Hazardous waste code

US RCRA Hazardous Waste U List : Reference

Toluene (CAS 108-88-3) U220

Contaminated packaging

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

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Packing group
Environmental hazards
Marine pollutant
Special precautions for user

III
 No
 Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number
UN proper shipping name
Transport hazard class(es)
Class
Subsidiary risk
Label(s)

UN 1263
 Paint related material
 3
 -
 3 - Flammable liquid



Packing group
Environmental hazards
ERG Code
Special precautions for user

III
 No
 3L
 Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number
UN proper shipping name
Transport hazard class(es)
Class
Subsidiary risk
Label(s)

UN 1263
 PAINT RELATED MATERIAL
 3
 -
 3 - Flammable liquid



Packing group
Environmental hazards

III



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| | |
|---|---|
| Marine pollutant | No |
| EmS | F-E, S-E |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not available. |

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 regulated.

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

| | |
|----------------------------------|--------|
| Mineral spirits (CAS 64742-47-8) | Listed |
| Toluene (CAS 108-88-3) | Listed |

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|------------------------|--------|
| Toluene (CAS 108-88-3) | Listed |
|------------------------|--------|

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | | | |
|--------------------------|-------------------|---|-----|
| Hazard categories | Immediate Hazard | - | Yes |
| | Delayed Hazard | - | Yes |
| | Fire Hazard | - | Yes |
| | Pressure Hazard | - | No |
| | Reactivity Hazard | - | No |

SARA 302/304 Extremely hazardous substance

None of the chemicals in this product is listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

| Chemical Name | CAS number | % by wt |
|---------------|------------|---------|
| Toluene | 108-88-3 | <1 |

Other federal regulations

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

Toluene (CAS 108-88-3)

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.

US State regulations

WARNING: This product contains chemicals known to the state of California to cause birth defect.



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

Toluene (CAS 108-88-3)

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

Toluene (CAS 108-88-3)

US. California Proposition 65

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

Toluene (CAS 108-88-3)

International Inventories

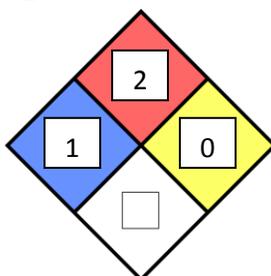
| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non- Domestic Substances List (NDSL) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| 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 10-10-2000
Revision date 11-17-2015
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



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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. All materials may present unknown hazards and should be used with caution.