



Revised Date: 09-16-2015

SAFETY DATA SHEET

DALY'S SEMI-TRANSPARENT EXTERIOR STAIN

Supersedes: 10-27-2000

1. Identification

Product identifier Daly's Semi-Transparent Exterior Stain

Other means of identification

SDS number 14

Synonyms 16200

Recommended use Not available.

Recommended restrictions Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Daly's Wood Finishing Products,
3525 Stone Way North
Seattle, WA 98103.

General Assistance (206) 633-4200, toll free: (800) 735-7019

E-Mail Not available.

Contact Person Not available.

Emergency Telephone Chemtel (24 Hour): 800-255-3924

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 exposure; Narcotic effects	Category 3
	Aspiration hazard	Category 1

Label elements



Signal word Danger

Unknown Toxicity 1.69% 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the work place. Use only outdoors or in a well-ventilated area.

Response

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 or rash occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned: 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 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

Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Mineral spirits	64742-47-8	71.55
3-iodo-2-propynyl butyl carbanate	55406-53-6	0.2
Xylene	1330-20-7	0.1
Ethylbenzene	100-41-4	0.1



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4. First-aid measures

Inhalation	Remove individual to fresh air. If not breathing, administer artificial respiration. Get medical aid immediately.
Skin contact	Wash off quickly with plenty of water, then soap and water. Remove and wash contaminated clothing before reuse.
Eye contact	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. Obtain emergency medical treatment.
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	CO ₂ , dry chemical, foam, water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
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.



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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.

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. 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. Do not reuse container for other purposes.

Conditions for safe storage

KEEP OUT OF REACH OF CHILDREN. Store locked up. Store in original container; keep tightly closed and appropriately labeled. Store away from incompatible materials. Store away from high temperature, sparks, or open flame.

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 (2900 mg/m ³)
Xylene	PEL(TWA)	100 ppm (435 mg/m ³)
Ethylbenzene	PEL(TWA)	100 ppm
Oil mist (Linseed oil)	PEL(TWA)	5 mg/m ³



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

Components	Type	Value
Mineral spirits	TWA	500 ppm (2900 mg/m ³)
Xylene	TWA	100 ppm (435 mg/m ³)
Ethylbenzene	TWA	100 ppm
Oil mist (Linseed oil)	TWA	5 mg/m ³

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

None of the components in this product is listed.

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
Xylene	TLV(TWA)	100 ppm
	TLV(ST)	150 ppm
Ethylbenzene	TLV(TWA)	20 ppm
Oil mist (Linseed oil)	TLV(TWA)	5 mg/m ³

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)
Xylene	REL (TWA)	100 ppm (435 mg/m ³)
	REL(ST)	150 ppm (655 mg/m ³)
Ethylbenzene	REL (TWA)	100 ppm
	REL(ST)	125 ppm
Oil mist (Linseed oil)	REL(TWA)	5 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, if eye contact is likely.

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



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Thermal hazards

General hygiene considerations

keep vapor concentration below TLV.

Wear appropriate thermal protective clothing, when necessary.

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	Clear, amber liquid.
Physical state	Liquid.
Form	Liquid.
Color	Clear amber.
Odor	Petroleum distillate odor.
Odor threshold	Not available.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Initial boiling point and boiling range	300-405 °F
Flash point	107 °F
% Volatile by Volume	64-69%
Evaporation rate (BuOAc=1)	0.13
Maximum Volatile Organic Compound (V.O.C.)	550 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)	0.89-0.94
Solubility(ies)	
Solubility (water)	Insoluble.
Solubility (other)	Soluble in petroleum solvents.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.



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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	Avoid strong oxidizing agents.
Hazardous decomposition Products	Usual products of combustion: CO, CO ₂ possibly acrolein, and oxides of nitrogen.

11. Toxicological information

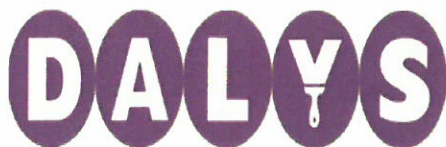
Information on likely routes of exposure

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.
Eye contact	May cause redness and irritation.
Symptoms related to the physical, chemical and toxicological characteristics	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.
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	Test	Species	Test Results
Mineral spirits (CAS 64742-47-8)	Oral LD ₅₀	Rat	>5000 mg/kg
	Dermal LD ₅₀	Rabbit	>2000 mg/kg
	Inhalation LC ₅₀	Rat	> 5.28 mg/l, 4h
Xylene (CAS 1330-20-7)	Oral LD ₅₀	Rat	4300 mg/kg
	Dermal LD ₅₀	Rabbit	>1700 mg/kg
	Inhalation LC ₅₀	Rat	21.7 mg/l, 4h
Ethylbenzene (CAS 100-41-4)	Oral LD ₅₀	Rat	3500 mg/kg
	Dermal LD ₅₀	Rabbit	17800 mg/kg
	Inhalation LC ₅₀	Rat	17.4 mg/l, 4h

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	
Respiratory sensitization	No data available.



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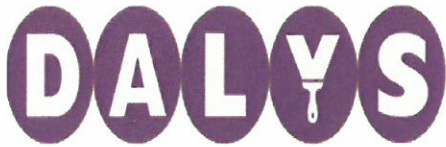
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available.
Carcinogenicity	Suspected of causing cancer.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Ethylbenzene	2B "Possibly carcinogenic to humans."
NTP Report on Carcinogen	
Ethylbenzene	Not listed
U.S OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Ethylbenzene	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.

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
Xylene (CAS 1330-20-7)	Fish LC ₅₀	Fathead minnow <i>(Pimephales promelas)</i>	13.4 mg/l, 96h
	Crustacea EC ₅₀	Water flea <i>(Ceriodaphnia dubia)</i>	> 3.4 mg/l, 48h
	Algae EC ₅₀	Microalga <i>(Selenastrum capricornutum)</i>	4.9 mg/l, 72h
Ethylbenzene (CAS 100-41-4)	Fish LC ₅₀	Rainbow trout <i>(Oncorhynchus mykiss)</i>	4.2 mg/l, 96h
	Crustacea EC ₅₀	Water flea <i>(Daphnia magna)</i>	1.81 mg/l, 48h
	Algae EC ₅₀	Microalga <i>(Selenastrum capricornutum)</i>	4.6 mg/l, 72 h

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Other adverse effects	No information available.



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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
Xylene (CAS 1330-20-7) U239

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
Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3 - Flammable liquid



Packing group III

Environmental hazards
Marine pollutant Yes
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA
UN number UN 1263
UN proper shipping name Paint
Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3 - Flammable liquid



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



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 II of MARPOL 73/78 and the IBC Code	Not available.
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15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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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
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Xylene (CAS 1330-20-7)	Listed
Ethylbenzene (CAS 100-41-4)	Listed
Oil mist (Linseed CAS 8001-26-1)	Listed

CERCLA Hazardous Substance List (40 CFR 302.4)

Xylene (CAS 1330-20-7)

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
3-Iodo-2-propynyl butyl carbamate	55406-53-6	0.2
Xylene	1330-20-7	0.1

Other federal regulations

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

Xylene (CAS 1330-20-7)

Ethylbenzene (CAS 100-41-4)

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 cancer and birth defects or other reproductive harm.

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

Xylene (CAS 1330-20-7)

Ethylbenzene (CAS 100-41-4)

3-Iodo-2-propynyl butyl carbamate (CAS 55406-53-6)

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

Xylene (CAS 1330-20-7)

Ethylbenzene (CAS 100-41-4)

Linseed oil (CAS 8001-26-1)

US. California Proposition 65

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

Ethylbenzene (CAS 100-41-4)



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International Inventories

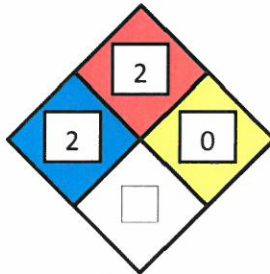
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non- Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
United 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 10-27-2000
Revision date 09-16-2015
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



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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.