

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Identifier Used on Label: Northern Naturals Exterior Solid OIL Stain DEEP BASE

Synonyms: 5393

Details of the Manufacturer:

Hirshfield's Paint Manufacturing
4450 Lyndale Avenue North
Minneapolis, MN 55412
612-522-6621

Emergency Contact: INFOTRAC 1-800-535-5053

Recommended Use: Apply to recommended surfaces following product instructions presented on the label.

SECTION 2: HAZARD IDENTIFICATION

This material is considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR1910.1200.

Classification of the mixture:

- Flammable liquids:** Category 4
- Skin corrosion/irritation:** Category 2
- Serious eye damage/irritation:** Category 2B
- Respiratory or skin sensitization:** Category 1
- Carcinogenicity:** Category 1A
- Reproductive toxicity:** Category 2
- Specific target organ toxicity repeated exposure:** Category 1

GHS Label Elements:

Pictograms:



Signal word: Danger

Hazard statements:

Combustible liquid.

Causes skin irritation.

Causes eye irritation.

May cause an allergic skin reaction.

May cause cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to lungs, kidneys, and central nervous system through prolonged or repeated exposure.

Precautionary statements:

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye protection/face protection.

Wash affected areas thoroughly after handling. Wear protective gloves.

Wash hands thoroughly after handling.

Avoid breathing spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe mist/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response:

In case of fire: Use Class B or CO₂ or Class ABC extinguisher to extinguish.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

If exposed or concerned: Get medical advice.

Get medical advice/attention if you feel unwell.

Storage:

Store in a well-ventilated place. Store locked up.

Disposal:

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

Percentage of mixture consisting of ingredient(s) of unknown acute toxicity: 10.7%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name & Synonym	CAS Number	Content (W/W)
Nepheline syenite	37244-96-5	17.4%
Solvent naphtha (petroleum), medium aliph.	64742-88-7	16.6%
Ground limestone (calcium carbonate)	1317-65-3	15.2%
Medium alkyd resin in solvents	Mixture	10.5%
Alkyd resin in solvents	Mixture	9.9%
Titanium dioxide	13463-67-7	9.8%
Xylene	1330-20-7	0.7%
Clay thickener	Mixture	0.5%
Cobalt drier	Mixture	0.2%
Ethylbenzene	100-41-4	0.1%
Quartz, crystalline silica	14808-60-7	0.1%
All other ingredients are below their cut-off limits		

SECTION 4: FIRST-AID MEASURES

Description of first-aid measures

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice.

If ingested: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

Most important symptoms/effects, both acute and delayed: serious eye irritation. Additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of immediate medical attention and special treatment needed when necessary:

Notes to physician: no further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Extinguishing powder, CO₂, foam, Class B or ABC extinguisher.

Specific hazards arising from the mixture:

Hazardous combustion products: Carbon monoxide, carbon dioxide, nitrogen oxides (NO_x), sulphur dioxide (SO₂).

Special protective actions for fire-fighters

Protective equipment: Wear protective clothing and self-contained respiratory protective device (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Wear protective clothing including safety glasses/eye shields. Keep unprotected people away.

Environmental precautions: Contain all spills. Keep out of sewer, streams, lakes, and other groundwaters.

Methods and material for containment and cleaning up: Contain all spills. Solidify with absorbent materials such as diatomaceous earth, clay, or vermiculite. Collect into suitable containers and dispose of properly. See Section 13: Disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Use appropriate personal protective equipment. See Section 8: Exposure controls/personal protection. See Section 2 on prevention and response information.

Conditions for safe storage: Store locked up. Store in a well-ventilated place. Keep from freezing. Store upright in original container protected from sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: Exposure limit data for the product is not available.

Control parameters for components:

Component	CAS #	Type	Value	Regulation
Nepheline Syenite	37244-96-5	PEL	5 mg/m ³	OSHA Resp. 8 hour TWA
Nepheline Syenite	37244-96-5	PEL	15 mg/m ³	OSHA Resp. total dust TWA
Titanium dioxide	13463-67-7	PEL	15 mg/m ³	OSHA (29CFR1910.1000 Table Z-1)
Titanium dioxide	13463-67-7	TWA	10 mg/m ³	ACGIH
Ground Limestone (Calcium Carbonate)	1317-65-3	PEL	15 mg/m ³	
Ground Limestone (Calcium Carbonate)	1317-65-3	TLV	2 mg/m ³	ACGIH Resp.
Quartz	14808-60-7	PEL	0.1mg/m ³	OSHA Resp. 8 hour TWA
Quartz	14808-60-7	TWA	0.025 mg/m ³	ACGIH
Quartz	14808-60-7		25 mg/m ³	IDLH
Xylene	1330-20-7	TLV-TWA	100 ppm	ACGIH
Xylene	1330-20-7	TLV STEL	150 ppm	ACGIH
Xylene	1330-20-7	PEL-TWA	100 ppm	OSHA PEL
Ethyl benzene	100-41-4	TWA	100 ppm	ACGIH TLV
Ethyl benzene	100-41-4	STEL	125 ppm	ACGIH TLV
Ethyl benzene	100-41-4	TWA	100 ppm	OSHA PEL

Appropriate engineering controls: Use local exhaust ventilation when product is used in a confined area to keep worker exposure below regulatory limits.

Individual protection measures:

Eye/face protection: Wear safety glasses with side shields.

Skin protection: When prolonged or frequent repeated contact could occur, use protective clothing chemically resistant to this material.

Hand protection: Use gloves chemically resistant to the product when prolonged or frequent repeated contact could occur. Examples of preferred glove materials include: Natural rubber (“latex”), neoprene, nitrile/butadiene rubber (“nitrile” or “NBR”), polyethylene, polyvinyl chloride (“PVC” or “vinyl”). The selection of a specific glove should also take into account other work to be performed with the glove, potential body reactions to glove material, and specifications/instructions by the glove manufacturer.

Respiratory protection: If local exhaust or other engineering controls are not used, use a properly fitted NIOSH approved mask.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White liquid
Upper/lower flammability or explosive limits	no data available
Odor	Solvent
Odor threshold	no data available
pH	not applicable
Melting pint/freezing point	no data available, solvent borne
Initial boiling point and boiling range	no data available
Flash point	39 °C (102 °F) calculated
Evaporation rate (butyl acetate=1)	<1.00
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Relative density	1.4
Solubility(ies)	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	69 KU

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under recommended conditions of storage and handling.

Chemical stability

Stable under normal ambient temperature and conditions while in storage and being handled.

Possibility of hazardous reactions: None known. Product will not undergo hazardous polymerization.

Conditions to avoid: Excessive heat which may cause the closed container to rupture.

Incompatible materials: There are no known materials that are incompatible with this product.

Hazardous decomposition materials: Thermal decomposition may yield monomers, carbon monoxide, carbon dioxide, nitrogen oxides (NO_x), and sulphur dioxide (SO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information on the components of this product appears in this section when such data is available.

Acute toxicity: No data available. Based on ingredients and their concentrations in the product, the product is not classified for acute toxicity.

Skin corrosion/irritation: No data available. Based on ingredients and their concentrations in the product, the product is as Category 2: causes skin irritation.

Serious eye damage/irritation: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2B: causes eye irritation.

Respiratory or skin sensitization: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 1: may cause an allergic skin reaction.

Germ cell mutagenicity: No data available. Based on ingredients and their concentrations in the product, the product is not classified for germ cell mutagenicity.

Carcinogenicity: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2: may cause cancer.

IARC: Titanium dioxide: Group 2B possibly carcinogenic to humans.

IARC: Crystalline silica: Group 1 carcinogenic to humans.

NTP: Crystalline silica: known to be a human carcinogen.

IARC: Ethylbenzene Group 2B possibly carcinogenic to humans.

Reproductive toxicity: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2: suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (STOT)-single exposure: No data available. Based on ingredients and their concentrations in the product, the product is not classified for specific target organ toxicity (STOT) single exposure.

Specific Target Organ Toxicity (STOT)-repeated exposure: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 1: causes damage to lungs, kidneys, and central nervous system through prolonged or repeated exposure.

Aspiration hazard: No data available. Based on ingredients and their concentrations in the product, and the viscosity of the product, the product is not classified as an aspiration hazard.

Likely routes of exposure and effects of that exposure

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available. Based on ingredients and their concentrations in the product, the product causes skin irritation.

Eye contact: No data available. Based on ingredients and their concentrations in the product, the product causes eye irritation.

Additional information: No data are available for this mixture. The information shown is based on the profiles of the ingredients and their concentrations in the product.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological information on this product appears in this section when such data is available.

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP IN ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State, and

local laws and regulations. Wear proper protective equipment. See Section 8: Exposure controls/personal protection.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Class 3, combustible liquid

UN proper shipping name: PAINT

UN Code: 1263

UN Transport hazard class: Class 3

Packing group number: Packing Group III

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: This product is considered hazardous under OSHA Hazard Communication Standard (29CFR1910.1200).

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to Know Act of 1986) Sections 313 components: ethylbenzene (100-41-4), Xylene 1330-20-7.

TSCA Inventory (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 16: OTHER INFORMATION

Hazard Rating System:

HMIS

Health	Flammability	Reactivity	PPE
2	2	0	G

SDS preparation date or last revision date: February 9, 2017.

Disclaimer:

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damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations.