

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Spectrum Products LLC
7100 Spectrum Lane
Missoula, MT 59808
(800) 791-8056

EMERGENCY TELEPHONE: (847) 854-2800
8 AM - 5 PM Central Time

Trade Name: **Spectra Shield**
Identification Number: **STS-200**
Product Use/Class: Specialty Coating

SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

<u>Item</u>	<u>Chemical Name</u>	<u>CAS NO.</u>	<u>% By Wt.</u> <u>less than</u>
01	Calcium sulfonate	Unavailable	5%
02	Alkylbenzene	Unavailable	1%
03	Naphtha	8052-41-3	90%
Non-hazardous Ingredients			Balance

Non hazardous ingredients in this product are considered non hazardous under the Federal Hazard Communication Standard 29 CFR 1910. 1200. All ingredients are on the U.S. TSCA Inventory.

Exposure Limits:

<u>Item</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>	<u>SKIN</u>
01	N.E.	N.E.	N.E.	N.E.	NO
02	N.E.	N.E.	N.E.	N.E.	NO
03	100ppm	N.E.	500ppm	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION III - HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW***:** Harmful if swallowed. May cause eye burns or skin irritation.

Effects of Overexposure - Eye Contact: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. May cause permanent eye damage if not treated immediately.

Effects of Overexposure - Skin Contact: Prolonged or repeated exposures can irritate skin. Reaction may be more severe if there is skin abrasion(s). Allergic sensitization in susceptible individuals is possible.

SECTION III - HAZARDS IDENTIFICATION (continued)

Effects of Overexposure - Inhalation: Prolonged inhalation may be harmful. May cause irritation to nose and throat.

Effects of Overexposure - Ingestion: Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting, diarrhea if swallowed.

Effects of Overexposure - Chronic Hazards: Repeated skin contact may cause a persistent irritation or dermatitis. The substance may be toxic to skin, eyes, central nervous system (CNS). May be toxic to blood, kidneys, lungs, the nervous system, mucous membranes, gastrointestinal tract, upper respiratory tract, ears.

Primary Routes of Entry: Skin contact, skin absorption, inhalation, ingestion, eye contact

SECTION IV - FIRST AID MEASURES

First Aid - Eye Contact: Remove contact lenses. IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, lifting lower and upper eyelids occasionally. Get medical attention immediately.

First Aid - Skin Contact: Wash with copious amounts of soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION INFORMATION

Flash Point: 150°F (C.C.C.)

Flammable Limits: LEL: N.A. **UEL:** N.A.

Extinguishing Media: Foam, CO₂, dry chemical, water.

Special Fire Fighting Procedures: COMBUSTIBLE! If storage containers are involved in fire, keep cool with water spray to prevent pressure build-up. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazard: "Empty" containers retain some product residue (liquid and/or water vapor) and can be dangerous when pressurized. Bursting of containers can occur at elevated temperatures. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Caution: COMBUSTIBLE! Absorb spill with inert material (e.g. dry sand or earth) then place in a flammable waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Follow all government regulations.

SECTION VII - HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.

Storage: Keep container closed when not in use. Store in corrosion resistant containers. Store in flammable storage area away from incompatible materials. Do not expose to heat, sparks or flames. Store under a controlled environment with adequate ventilation. Avoid excessive heat.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace condition warrant a respirator's use.

Skin Protection: Rubber, neoprene or polyvinyl chloride impervious gloves may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Consult your glove manufacturer for compatibilities.

Eye Protection: Wear chemical splash goggles. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment: Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in well ventilated area. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Avoid contact with eyes, skin and clothing.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	192°F	Melting/Freezing Point:	N.D.
Odor:	Hydrocarbon solvent odor	Appearance:	Clear, pale-yellow
Specific Gravity:	~0.8	Solubility in Water:	Insoluble
Vapor Density:	heavier than air	Vapor Pressure:	0.7 Kpa at 70 deg.F.
Physical State:	Liquid	Odor Threshold:	N.D.
Evaporation Rate:	N.D.	pH @ 100 %:	N.D.
Viscosity:	N.D.	Coeff. of Water/Oil Dist.:	N.D.

(See Section 16 for abbreviation legend)

SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable under normal storage conditions.

Conditions to Avoid: Heat/flames and oxidizing materials.

Incompatibility: Oxidizers.

Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur under normal conditions.

SECTION XI - TOXICOLOGICAL PROPERTIES

Threshold Limit Value: LD 50 (ORAL-RAT) >5000 mg/kg
LD 50 (DERMAL-RABBIT) >2000 mg/kg

Carcinogenicity: NTP: N.A. IARC Monographs: N.A. OSHA Regulated: N.A.

SECTION XII - ECOLOGICAL PROPERTIES

Ecological Information: No information.

SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal Method: Follow all federal, state and local regulations. Store and dispose of in acceptable containers for flammable liquids.

SECTION XIV - TRANSPORTATION INFORMATION

DOT Classification: CLASS 3; Combustible liquid.

Identification: Petroleum distillate, n.o.s., UNNA: 1268

SECTION XV - REGULATORY INFORMATION**U.S. Federal Regulations as Follows:**

OSHA: Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200)

CERCLA - SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard, Chronic Health Hazard, Fire Hazard

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

No SARA Section 313 components exist in this product.

Toxic Substances Control Act (TSCA): The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No information is available.

SECTION XV - REGULATORY INFORMATION (continued)**Canada Regulations as Follows:**

WHMIS: The Canadian Workplace Hazardous Materials Information System classification for this product is:

B3 - combustible liquid with a flash point between 37.8°C and 93.3°C

Refer elsewhere in the MSDS for specific warnings and safe handling information. Refer to the employer's workplace education program.

SECTION XVI - OTHER INFORMATION

NFPA Ratings: **Health:** 1 **Flammability:** 2 **Reactivity:** 0

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Signature of Preparer:



Legend: N.A. - Not Applicable

N.E. - Not Established

N.D. - Not Determined

While the company believes that the data contained herein is factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of the use, by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.