Shield Line

MATERIAL SAFETY DATA SHEET

May 1, 2013

SECTION 1: Chemical Product

EN-SHIELD SKIN PROTECTANT

SECTION 2: Composition / Information on Ingredients

Name:	CAS #
Zinc Oxide	1314-13-12
Light Liquid Paraffin	90622-46-1
Paraffin Wax	90622-46-1
Stearic Acid	57-11-4
CetoSteryl Alcohol	67762-27-0
Triethanolamine	102-71-6
Vit. A	79-81-2
Vit. D	67-97-0
Vit. E	58-95-7
Fragrance	00000-00-1
Methyl Paraben Sodium	5026-62-0
Propyl Paraben Sodium	94-13-3
Water Deionized	7732-18-5

SECTION 3: Hazards Identification

Prolonged exposure to elevated concentrations of vapors may result in irritation of the eyes, nose, and throat.

Potential Routes of Exposure: Ingestion, inhalation, dermal contact, eye contact

Target Organs: None identified

Symptoms of Overexposure:

Inhalation: Mild irritation of eyes, nose and throat.

Ingestion: Abdominal pains and diarrhea **Dermal Contact:** Shortness of breath and coughing **Acute Effects:** Irritation of skin as noted above **Chronic Effects:** No data

HMIS: H=1, F=1, R=0 See Section 8 for PPE information

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SECTION 4: First Aid Measures

Eye: Flush eyes with copious amount of water for at least 15 minutes **Skin:** Flush with water. If irritation persists, seek medical attention. **Ingestion:** Do not induce vomiting.

Inhalation: Remove victim to fresh air and seek medical attention, petrolatum has a low vapor pressure a not expected to present an inhalation exposure.

NOTES TO HEALTH PROFESSIONALS

* **Medical Treatment:** None.
* **Medical Conditions Caused or Aggravated by Exposure:** None for occupational exposure.

Antidotes: No specific antidotes are recommended.

SECTION 6: Accidental Release Measures

Spill or Leak Procedures: Scrap up material into waste containers or absorb with dry sand or oil absorbent.
Clean spill area with detergent solution or safety solvent. Provide adequate ventilation during clean-up procedure.

Waste Disposal: Waste materials should be dumped or buried in an approved industrial waste landfill. Large quantities may be disposed of by incineration in a suitable combustion chamber. Disposal must comply with all Federal, State, and Local regulations.

Environmental Hazards: Under E.P.A. / CERCLA (Superfund) Releases to air, land or water May be reportable to the National Response Center, 1-800-424-8802. (Circumstances surrounding the release and clean up determine report ability).

SECTION 7: Handling and Storage

Storage Requirements: Store in tightly closed containers in a cool, dry area away from heat and other possible ignition source.

Handling Precautions: Maintain appropriate class of fire extinguishers nearby in case of fire.

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SECTION 8: Exposure Controls / Personal Protection

OSHA PEL=N/A OSHA STEL=N/A IDLH=N/A

Recommended Engineering Controls: Use ventilation equipment as necessary.

Recommended Admin Controls: Train employees on the slip hazards of Petroleum Jelly.

PPE: Wear chemical goggles where the threat of exposure exists. Gloves should be worn if the user has sensitive skin or frequently use the product. Eye wash fountains should be provided for personnel in areas where eye exposure is possible.

Recommended Hygiene Practices: Clean PPE and work clothing contaminated with Petroleum Jelly prior to reuse.

SECTION 9: Physical and Chemical Properties

Appearance: Pale yellow Cream **Freezing Point:** N/A **Auto ignition:** N/A
Odor: Odorless **Water Solubility:** Immiscible **LEL:** N/A
Odor Threshold: No Data **Molecular Weight:** Varies **UEL:** N/A
Vapor Pressure: < 1 mm **Specific Gravity:** .98 **Vapor Density:** .N/A
Boiling Point: APP: 650 F **Flash Point:** 400 F

SECTION 10: Stability and Reactivity

Stability: Stable

Polymerization: Will not occur

Conditions to avoid: May react with strong oxidizing agents.

Hazardous Products: None

SECTION 11: Toxicological Information

LD50: No Data **LC50:** No Data **LDLO:** No Data

Carcinogenicity: Not identified as a carcinogen by OSHA, IARC, or NTP

Mutgenicity: Not Indicated

Reproductive Effects: Not Indicated

SECTION 12: Ecological Information

Ecotoxicity: N/A **Environmental Fate:** N/A **Soil Absorption/Mobility:** Highly Mobile

Environmental Degradation: Should be removed readily from soils and water by biodegradation and remediation.

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SECTION 13: Disposal Considerations

Disposal Recommendations: Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements: Observe all local and national regulations when disposing of this product.

SECTION 14: Transport Information

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labelling :

Transport Information Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labelling for air, maritime, US or European ground transport purposes.

SECTION 15: Other Information

Sources of Information: 29CFR1910.1000; NIOSH Pocket Guide to Chemical Hazards (1993);

Occupational Health Guidelines for Chemical Hazards; NFPA Guide to Hazardous Materials 10th Edition

Disclaimer: While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material.