

SAFETY DATA SHEET SHINE 'N SHIELD

VERSION 2.2



REVISION DATE 05/17/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : **SHINE 'N SHIELD**
Product Use : Vinyl, Plastic and Rubber Enhancer

MANUFACTURER OR SUPPLIER'S DETAILS

Company : Power Line Industries, Inc.
Address : 14773 Heritage Crest Way
Riverton, UT 84065
Telephone : 801-545-0777

EMERGENCY TELEPHONE NUMBERS

For SDS Information	:	Compliance Services 1-866-624-8186
For a Medical Emergency	:	1-800-222-1222 or DIAL 911
For a Transportation	:	ChemTel, Inc. 1-800-255-3924

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communications Standard (GHS – Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Liquid
Color	Milky, white
Odor	Pleasant

GHS Classification

Acute Toxicity (oral) : Category 4
Eye irritation : Category 2A
Carcinogenicity : Category 2
Specific target organ toxicity – single exposure : Category 3 (Respiratory system)

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GHS Label Element

Hazard Pictograms



Signal word

: **Warning**

Precautionary Statements

: **Prevention:**
P102 Keep out of reach of children.
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well ventilated area.
P280 Wear eye protection / face protection.
P281 Use personal protective equipment as required.
Response:
P301 + P312 + P330 IF SWALLOWED: call a POISON CENTER or doctor / physician if you feel unwell. Rinse mouth.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice / attention.
P337 + P313 If eye irritation persists: Get medical advice / attention.
Storage:

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P403 + P233 Store in a well-ventilated place.
Keep container tightly closed.
P405 Store locked up.
Disposal:
Dispose of contents/container in accordance
with local regulation.

Potential Health Effects

Carcinogenicity:

- IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous Components

Chemical Name	CAS-No.	Concentration [%]
Nonylphenol, ethoxylated	9016-45-9	>= 1 - <5

SECTION 4. FIRST AID MEASURES

- General advice** : Do not leave the victim unattended
- If inhaled** : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician

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- In case of skin contact** : In case of contact, immediately flush skin with plenty of water.
Take off contaminated clothing and shoes immediately.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.
- In case of eye contact** : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed** : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
-

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Dry chemical
- Specific hazards during firefighting** : Do not allow run-off from fire fighting to enter drains or water courses
- Hazardous combustion products** : Carbon dioxide (CO₂)
Carbon monoxide
Smoke
- Specific extinguishing methods** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information** : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters** : Wear self-contained breathing apparatus for firefighting if necessary.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.
Ensure adequate ventilation.
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions** : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up** : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.
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SECTION 7. HANDLING AND STORAGE

- Advice on safe handling** : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin and eyes.
Avoid exposure – obtain special instructions before use.
- Conditions for safe storage** : Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid** : Keep away from oxidizing agents and strongly acid or alkaline materials.
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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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Personal protective equipment

- Respiratory protection** : No personal respiratory protective equipment normally required.
 - Eye protection** : Safety glasses
 - Skin and body protection** : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 - Hygiene measures** : General industrial hygiene practice.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : liquid
- Color** : Milky, white
- Odor** : Pleasant
- Odor Threshold** : No data available
- pH** : 5.5 - 6.5
- Melting point/freezing point** : No data available
- Boiling point** : 101.67 °C
- Flash point** : Not applicable
- Evaporation rate** : 1
- Upper explosion limit** : No data available
- Lower explosion limit** : No data available
- Vapor pressure** : Not determined
- Relative vapor density** : No data available
- Density** : 0.99 g/cm³
- Solubility(ies)
Water Solubility** : Soluble

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Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : Not determined
Thermal decomposition : No data available
Viscosity : 5.4 mm²/s (20 °C)
Viscosity, kinematic

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable
Chemical stability : Stable under normal conditions
Possibility of hazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.
Conditions to avoid : No data available
Hazardous decomposition products : Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Skin corrosion/irritation

No data available

Serious eye damage / eye irritation

No data available

Respiratory or skin sensitization

No data available

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Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

Nonylphenol, ethoxylated:
STOT- Single exposure
No data available

STOT- repeated exposure
No data available

Aspiration toxicity
No data available

Further information
Product:
Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available

Persistence and degradability
No data available

Bioaccumulative potential
Product:
Partition coefficient: n-octanol/water : Remarks: no data available

Mobility in soil
No data available

Other adverse effects
No data available

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Product:

- Regulation : 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class I Substances
- Remarks : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, kSubpt. A, App. A + B).
- Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : This product should not be allowed to enter drains, water courses or the soil.
Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

International regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

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Special precautions for user
Not applicable

SECTION 15. REGULATORY INFORMATION

EPCRA – Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSCS (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

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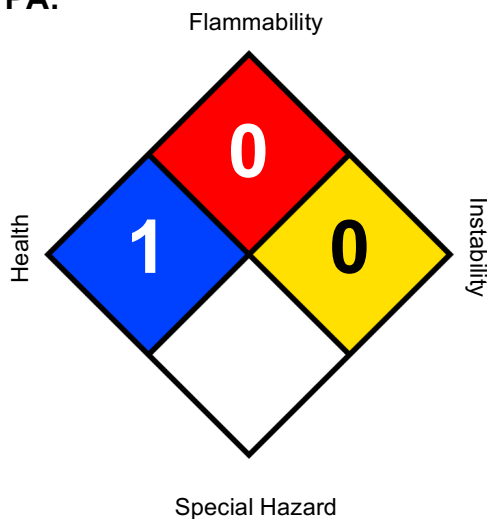


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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1= slight
2= moderate, 3 = high
4= extreme, * = chronic

OSHA GHS Label Information:

Hazard Pictograms

:



Signal Word

:

Warning:

Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Suspected of causing cancer (State of California).

Precautionary Statements

:

Prevention:

Keep out of reach of children. Read label before use. 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. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear eye protection / face

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protection. Use personal protective equipment as required.

Response: IF SWALLOWED: call a POISON CENTER or doctor / physician if you feel unwell. Rinse mouth. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice / attention. If eye irritation persists: Get medical advice / attention.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents/container in accordance with local regulation.

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