



# SAFETY DATA SHEET

Issue Date 15-Jul-2020

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** Ceramic Hybrid Coating

### Other means of identification

**SDS#** JC-013-061

### Details of the supplier of the safety data sheet

**Company Name** Newline Industries LLC  
111 Highline Drive  
Longwood, FL 32750  
407-480-5464

### Emergency telephone number

**Emergency Telephone** INFOTRAC 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                   |             |
|-----------------------------------|-------------|
| Acute toxicity - Oral             | Category 4  |
| Acute toxicity - Dermal           | Category 5  |
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 1  |
| Carcinogenicity                   | Category 1B |
| Aspiration toxicity               | Category 1  |
| Flammable liquids                 | Category 3  |

### Label elements

#### Emergency Overview

# Danger

#### **Hazard statements**

Harmful if swallowed  
May be harmful in contact with skin  
Causes skin irritation  
Causes serious eye damage  
May cause cancer  
May be fatal if swallowed and enters airways

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Flammable liquid and vapor



**Appearance** Clear

**Physical state** Liquid

**Odor** Mild

#### **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Use explosion-proof electrical/ventilating/lighting/equipment.

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see section 4 on SDS)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
If skin irritation occurs: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
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  
Rinse mouth  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Do NOT induce vomiting  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

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

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### **Hazards not otherwise classified (HNOC)**

##### **Other Information**

Unknown Acute Toxicity

6.4% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No.    | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Straight Run Middle Distallates (Petroleum)                     | 64742-46-7 | 15-40    | *            |
| Quaternary Ammonium Compounds, DiCocoalkyl, Dimethyl, Chlorides | 61789-77-3 | 10-30    | *            |
| 2-butoxyethanol   | 111-76-2   | 7-13     | *            |
| 2-Propanol  | 67-63-0    | 3-7      | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.   |
| <b>Skin Contact</b>                       | Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.   |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| <b>Inhalation</b>                         | Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.                 |
| <b>Ingestion</b>                          | Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.  |

#### Most important symptoms and effects, both acute and delayed

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|--|

#### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

#### Specific hazards arising from the chemical

No Information available.

#### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Chemical Name               | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH  |
|-----------------------------|-------------------------------|---|---|
| 2-butoxyethanol<br>111-76-2 | TWA: 20 ppm                   | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S*  | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>  |
| 2-Propanol<br>67-63-0       | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

**Individual protection measures, such as personal protective equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.   |
| <b>Skin and body protection</b> | No special technical protective measures are necessary. Wear protective gloves and protective clothing. Prolonged contact may cause redness and irritation. Wear protective gloves and protective clothing if needed.   |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |

**General Hygiene** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | Clear                    |
| <b>Color</b>          | Amber                    |
| <b>Odor</b>           | Mild                     |
| <b>Odor threshold</b> | No Information available |

| <b><u>Property</u></b>               | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |
|--------------------------------------|--------------------------|--------------------------------|
| <b>pH</b>                            | 6.5 - 8.5                |                                |
| <b>Specific Gravity</b>              | .941                     |                                |
| <b>Viscosity</b>                     | No Information available |                                |
| <b>Melting point/freezing point</b>  | No Information available |                                |
| <b>Flash point</b>                   | 24 °C / 75 °F            |                                |
| <b>Boiling point / boiling range</b> |                          | /                              |
| <b>Evaporation rate</b>              | No Information available |                                |
| <b>Flammability (solid, gas)</b>     | No data available        |                                |
| <b>Flammability Limits in Air</b>    |                          |                                |
| <b>Upper flammability limit:</b>     | No Information available |                                |
| <b>Lower flammability limit:</b>     | No Information available |                                |
| <b>Vapor pressure</b>                | No Information available |                                |

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Vapor density</b>             | No Information available |
| <b>Water solubility</b>          | Complete                 |
| <b>Partition coefficient</b>     | No Information available |
| <b>Autoignition temperature</b>  | No Information available |
| <b>Decomposition temperature</b> | No Information available |

**Other Information**

|                        |      |
|------------------------|------|
| <b>Density Lbs/Gal</b> | 7.85 |
| <b>VOC Content (%)</b> | 17.9 |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | No data available Harmful by inhalation, ingestion, in contact with eyes and skin.   |
| <b>Inhalation</b>          | No data available. May cause irritation of respiratory tract. May cause possibly severe irritation of the respiratory tract.   |
| <b>Eye contact</b>         | No data available. Contact with eyes may cause irritation. Contact with eyes may cause irritation or burns. Contact with eyes may cause severe irritation and possible chemical burns. Direct contact can cause corrosive ocular burns.  |
| <b>Skin Contact</b>        | No data available. May be absorbed through the skin in harmful amounts. Prolonged contact may cause redness and irritation. May cause severe irritation or burns to the skin. Prolonged or repeated contact may cause absorption to the skin. Contact causes severe skin irritation and possible burns. Prolonged or repeated contact may dry skin and cause irritation. May cause severe pain with brownish or yellowish stains. Burns may penetrate the skin with sharply defined edges and heal slowly with scar formation. Contact is irritating and may cause an unusual, skin rash that appears similar to ballooning of the skin. If skin is moist, formation of hydrofluoric acid can cause serious burns. These burns do not appear |

serious at first, but may cause severe damage if not treated immediately.

**Ingestion**

No data available. May cause gastro intestinal irritation. Harmful if swallowed. Ingestion may cause digestive tract irritation or corrosion, nausea and possibly bloody vomiting, bloody diarrhea and abdominal pain.

| Chemical Name   | Oral LD50            | Dermal LD50             | Inhalation LC50                             |
|---|----------------------|-------------------------|---|
| Straight Run Middle Distallates<br>(Petroleum)<br>64742-46-7                        | = 7400 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 4.6 mg/L ( Rat ) 4 h                      |
| Quaternary Ammonium<br>Compounds, DiCocoalkyl, Dimethyl,<br>Chlorides<br>61789-77-3 | = 960 mg/kg ( Rat )  | -                       | -   |
| 2-butoxyethanol<br>111-76-2   | = 470 mg/kg ( Rat )  | = 99 mg/kg ( Rabbit )   | = 486 ppm ( Rat ) 4 h = 450 ppm ( Rat ) 4 h |
| 2-Propanol<br>67-63-0   | = 1870 mg/kg ( Rat ) | = 4059 mg/kg ( Rabbit ) | = 72600 mg/m <sup>3</sup> ( Rat ) 4 h       |

**Information on toxicological effects****Symptoms**

No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization**

No Information available.

**Germ cell mutagenicity**

No Information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name               | ACGIH | IARC    | NTP | OSHA |
|-----------------------------|-------|---------|-----|------|
| 2-butoxyethanol<br>111-76-2 | A3    | Group 3 | -   | -    |
| 2-Propanol<br>67-63-0       | -     | Group 3 | -   | X    |

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 -Not classifiable as a human carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity**

No Information available.

**STOT - single exposure**

No Information available.

**STOT - repeated exposure**

No Information available.

**Chronic toxicity**

May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

**Target organ effects**

Blood, Central nervous system, EYES, hematopoietic system, Kidney, Liver, Respiratory system, Skin.

**Aspiration hazard**

No Information available.

**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity**

6.4% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1,332.10

ATEmix (dermal) 3,469.00

ATEmix (inhalation-dust/mist) 11.60

ATEmix (inhalation-vapor) 3,515.60

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name   | Algae/aquatic plants  | Fish   | Crustacea  |
|---|---|--|--|
| Straight Run Middle Distillates (Petroleum)<br>64742-46-7 | -   | 35: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Pimephales promelas mg/L LC50 static   | -  |
| 2-butoxyethanol<br>111-76-2                               | -   | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50   | 1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 |
| 2-Propanol<br>67-63-0                                     | 1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static | 13299: 48 h Daphnia magna mg/L EC50  |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

| Chemical Name               | Partition coefficient |
|-----------------------------|-----------------------|
| 2-butoxyethanol<br>111-76-2 | 0.81                  |
| 2-Propanol<br>67-63-0       | 0.05                  |

**Other adverse effects**

No Information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name         | California Hazardous Waste Status |
|-----------------------|-----------------------------------|
| 2-Propanol<br>67-63-0 | Toxic<br>Ignitable                |

### 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT**

|                      |  |
|----------------------|--|
| <b>UN/ID No.</b>     | UN1993   |
| <b>Shipping Name</b> | Flammable Liquid, n.o.s (Contains Isopropanol) |
| <b>Hazard Class</b>  | 3  |
| <b>Packing Group</b> | III  |



## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
 DSL/NDSL Complies

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name              | SARA 313 - Threshold Values % |
|----------------------------|-------------------------------|
| 2-butoxyethanol - 111-76-2 | 1.0                           |
| 2-Propanol - 67-63-0       | 1.0                           |

#### **SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute health hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire hazard                       | Yes |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

#### **U.S. State Right-to-Know Regulations**

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| 2-butoxyethanol<br>111-76-2 | X          | X             | X            |
| 2-Propanol<br>67-63-0       | X          | X             | X            |

#### **U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

## 16. OTHER INFORMATION

**NFPA** Health hazards 2 Flammability 3 Instability 0 Physical and Chemical Properties -

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**HMIS**                      **Health hazards 2**                      **Flammability 3**                      **Physical hazards 0**                      **Personal protection X**

**Issue Date**    15-Jul-2020  
**Revision Date**    15-Jul-2020

**Revision Note**  
No Information available

**Disclaimer**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**