

## SAFETY DATA SHEET

Version 4.0

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### SECTION 1: Product and Company Identification

PRODUCT NAME: CP1™ Polyimide film

MANUFACTURER/SUPPLIER:

NeXolve Holding Company, LLC

290 Dunlop Blvd, Suite 200

Huntsville, AL 35824

256-836-7780

EMERGENCY HEALTH/EMERGENCY SPILL INFORMATION:

**For Hazardous Materials [or Dangerous Goods] Incident  
Spill, Leak, Fire, Exposure, or Accident**

**Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300 CCN702632 or  
+1 703-527-3887 (collect calls accepted)**

For R&D use only. Not for drug, household or other uses.

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### SECTION 2: Hazards Identification

#### Emergency Overview

This product is not expected to present a safety and health hazard when used under reasonable conditions and as-intended by the manufacturer. Additives in this product do not present respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled.

#### OSHA Hazards

There are no known OSHA hazards for this product.

#### Target Organs

None anticipated under reasonable use conditions.

#### GHS Classification

There is no GHS classification for this product.

## GHS Label elements, including precautionary statements

**Pictograms:**

Not Applicable

**Signal word:**

Not Applicable

**Hazard Statement(s):**

Not Applicable

**Precautionary statement(s):**

Not Applicable

**HMIS Classification**

**Health hazard:** 0

**Chronic Health Hazard:** \*

**Flammability:** 1

**Physical hazards:** 0

**NFPA Rating**

**Health hazard:** 0

**Fire:** 1

**Reactivity Hazard:** 0

**Potential Health Effects**

**Inhalation:** Not a probable route of exposure for film product.

**Skin:** Prolonged skin contact may cause irritation to some individuals.

**Eyes:** Not a probable route of exposure for film product.

**Ingestion:** Not a probable route of exposure for film product.

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## SECTION 3: Composition/information on ingredients

COMPONENT	CAS – No.	Range % by WT
Bis (2-methoxyethyl) ether	111-96-6	0-1%
CP1™ Polyimide	87182-96-5	20-70%

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## SECTION 4: First Aid Measures

**General advice**

There are no hazards for this product which require special first aid measures.

**If inhaled**

Not a probable route of exposure for film product.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Not a probable route of exposure for film product.

**If swallowed**

Not a probable route of exposure for film product.

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**SECTION 5: Firefighting Measures**

**Conditions of flammability**

This product is not a fire or explosion hazard. The flammability characteristic of this material is reported as “self-extinguishing”.

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Hazardous combustion products**

Hazardous decomposition products formed under fire conditions.

**Further information**

Use water spray to cool unopened containers.

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**SECTION 6: Accidental release measures**

**Personal precautions**

Rolls of film may telescope. The processing and unwrapping of product can cause the generation of static charge. Use caution when handling.

**Environmental precautions**

Not applicable.

**Methods and materials for containment and cleaning up**

Not applicable.

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**SECTION 7: Handling and Storage**

**Precautions for safe handling**

Rolls of film may telescope. The processing and unwrapping of product can cause the generation of static charge. Film should not be removed or wrapped where the environment is potentially flammable. Use caution when handling.

**Conditions for safe storage**

Store product away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommended storage temperatures are 0°C to 30°C.



Auto-ignition temp	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	no data available
Density	>1 g/cm <sup>3</sup> at 25 °C (77 °F)
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Relative vapor density	no data available
Odor	no data available
Odor Threshold	no data available
Evaporation rate	no data available

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## **SECTION 10: Stability and Reactivity**

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

no data available

### **Conditions to avoid**

Heat, flames and sparks.

### **Materials to avoid**

Strong oxidizing agents

### **Hazardous decomposition product**

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - no data available

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## **SECTION 11: Toxicological Information**

### **Acute toxicity**

#### **Oral LD50**

No data available

**Inhalation LC50**

no data available

**Dermal LD50**

no data available

**Other information on acute toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**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.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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.

**Reproductive toxicity**

no data available

**Teratogenicity**

no data available

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

no data available

**Specific target organ toxicity - repeated exposure (Globally Harmonized System)**

no data available

**Aspiration hazard**

no data available

**SECTION 12: Ecological Information**

**Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

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**SECTION 13: Disposal considerations**

**Contaminated packaging**

Dispose of as unused product.

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**SECTION 14: Transportation information**

**DOT (US)**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

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**SECTION 15: Regulatory information**

**OSHA Hazards**

There are no known OSHA hazards for this product.

**SARA 302 Components**

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

**SARA 313 Components**

Component	CAS-No.	Revision Date
Bis(2-methoxyethyl)ether	111-96-6	1995-01-01

**SARA 311/312 Hazards**

none

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Component	CAS-No.	Revision Date
Bis(2-methoxyethyl)ether	111-96-6	1995-01-01

**New Jersey Right To Know Components**

Component	CAS-No.	Revision Date
Bis(2-methoxyethyl)ether	111-96-6	1995-01-01

**California Prop. 65 Components**

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

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**SECTION 16: Other information**

The information contained herein is believed to be correct, but there is no guarantee such information is accurate or complete, and this Safety Data Sheet does not make any warranty, express or implied, regarding the product. Nexolve does not assume liability for any loss or damage, direct or indirect, arising out of the use of this information. The user is solely responsible for (1) the safe handling and use of this product, (2) legal compliance, and (3) all losses, damages, or liability from use of this product.