



## Safety Data Sheet

### **HAYNES CIP FILM**

Haynes Manufacturing Company

#### **1. Product and Company Identification**

Product Name: Haynes CIP FILM  
Chemical Name: N/A  
Chemical Family: Petroleum Lubricant  
Manufacturer: Haynes Manufacturing Co.  
24142 Detroit Road  
Westlake, Ohio 44145, USA

Emergency Telephone Number:  
1-800-992-2166 X195 or 1-440-871-2188 X195

For SDS, Product Safety, or Regulatory Inquiries call:  
1-800-992-2166 or 1-440-871-2188

Customer Service:  
1-800-992-2166 or 1-440-871-2188

Issue Date: 09/24/2018

#### **2. Hazards Identification**

GHS Classification: Not classified as dangerous under EC/GHS-  
criteria  
Human Health Hazards: None  
Physico-chemical and environmental hazards and effects: None

#### **HMIS RATING USA**

Health: 0  
Flammability: 1  
Reactivity: 0  
PPI: -

#### **3. Composition / Information of Ingredients**

The composition of this product is proprietary.  
This product does not contain hazardous ingredients.

#### **4. First Aid Measures**

##### **Swallowing**

WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. This is not a toxic substance.

##### **Inhalation**

No emergency care anticipated. WHEN MOLTEN ONLY (molten product can

# **HAYNES** Safety Data Sheet

## **HAYNES CIP FILM**

### **Haynes Manufacturing Company**

cause thermal burns). Obtain medical attention immediately.

#### **Skin**

WHEN MOLTEN ONLY (molten product can cause thermal burns) – In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention.

#### **Eye Contact**

WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

### **5. Fire Fighting Measures**

**Flash Point:** > 93.4°C (200°F) PMCC, ASTM D93

#### **NFPA CLASSIFICATION USA**

|                     |   |
|---------------------|---|
| Health:             | 0 |
| Flammability:       | 1 |
| Reactivity:         | 0 |
| Special Provisions: | - |

#### **Extinguishing media**

Suitable: Treat as an oil fire:

- dry chemical
- carbon dioxide (in case of small fires)
- water fog
- foam

Unsuitable: Do not use water jet. Oil will float on water and can spread any fire.

#### **Special firefighting procedures:**

Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire. If a rail or tank truck is involved in a fire, ISOLATE for 800 meters (0.5 mile) in all directions. Shut off fuel to fire if it is possible to do so without hazard. If this is impossible, withdraw from the area and let the fire burn out under controlled conditions. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

# **HAYNES** Safety Data Sheet

## **HAYNES CIP FILM**

Haynes Manufacturing Company

### **Special protective equipment for firefighters**

Self-contained breathing apparatus.

### **Unusual fire and explosion hazards**

Following products may be produced during a fire: Oxides of carbon.

## **6. Accidental Release Measures**

### **Personal Precautions**

Wear suitable protective equipment.

### **Environmental Precautions**

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

### **Methods for Cleaning Up**

Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Floor may be slippery; use care to avoid falling.

## **7. Handling and Storage**

### **HANDLING**

Do not handle at temperatures  $>+40^{\circ}\text{C}$ , unless wearing appropriate protective equipment.

### **Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

### **STORAGE**

#### **Storage requirements**

Keep away from heat, sparks and flame. Do not store at temperatures:  $>+40^{\circ}\text{C}$  without proper safety review of storage equipment. Store protected from light.

## **8. Exposure Controls / Personal Protection**



## Safety Data Sheet

### **HAYNES CIP FILM**

Haynes Manufacturing Company

#### **EXPOSURE LIMIT VALUES**

No exposure limits have been established.

#### **OCCUPATIONAL EXPOSURE CONTROLS**

##### **Respiratory protection**

None expected to be needed.

##### **Hand protection/protective gloves**

Wear oil resistant gloves. WHEN MOLTEN ONLY: wear gloves impervious to this material.

##### **Eye protection**

WHEN MOLTEN ONLY: Face shield or chemical splash goggles in case of splashing.

##### **Skin protection**

WHEN MOLTEN ONLY: Wear protective clothing, such as long sleeves to minimize skin contact.

##### **Environmental Exposure Controls:**

None expected to be needed.

## **9. Physical and Chemical Properties**

### **Appearance**

|                 |                         |
|-----------------|-------------------------|
| Physical State: | Semi-solid.             |
| Color:          | White to light yellow.  |
| Odor:           | None or Mild Petroleum. |
| Odor Threshold: | N/A                     |

### **Important health, safety and environmental information**

|                            |  |
|----------------------------|--|
| Flammability:              | No Data                                |
| Evaporation Rate:          | No Data                                |
| Decomposition Temperature: | No Data                                |
| Flash Point:               | >93.4°C (200°F) Method: PMCC, ASTM D93 |
| Upper explosion limits:    | Not determined                         |
| Lower explosion limits:    | Not determined                         |
| Vapor Pressure:            | <0.1 kPa at 20°C                       |
| Density:                   | 0.75 – 0.87 g/cm <sup>3</sup> at 100°C |
| Bulk Density:              | Not available                          |
| Solubility in Water:       | Insoluble                              |



## Safety Data Sheet

### **HAYNES CIP FILM**

Haynes Manufacturing Company

|                                       |   |
|---------------------------------------|---|
| Solubility in organic solvents:       | Soluble                                     |
| Kinematic viscosity:                  | 5 – 30 mm <sup>2</sup> /s at 100°C          |
| Boiling Point:                        | >230°C                                      |
| PH:                                   | N/A   |
| Specific gravity (H <sub>2</sub> O=1) | <1  |
| Partitioning coefficient:             | log POW: >6 This product is soluble in oil. |
| Vapor Density:                        | N/A   |
| Percent volatiles:                    | Nil   |
| Autoignition Temperature:             | No data                                     |
| Melting Point:                        | 35 - 80°C                                   |

#### **10. Stability and Reactivity**

**Stability:** Stable

**Conditions/Materials to avoid:** Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

##### **Hazardous combustion products**

Burning can produce the following combustion products: Oxides of carbon and Soot.

**Hazardous polymerization:** Will not occur.

#### **11. Toxicological Information**

##### **GENERAL**

No evidence of harmful effects from available information.

#### **12. Ecological Information**

This product is stable in water and can be mechanically separated from water. The water may be suitable for disposal in a biological wastewater treatment plant.

#### **13. Disposal Considerations**

Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.



## Safety Data Sheet

### **HAYNES CIP FILM**

Haynes Manufacturing Company

#### 14. Transport Information

##### **ADR/RID**

(when transported at <100°C) This product is not regulated by ADR.

When transported above >100°C – UN3257 ELEVATED TEMPERATURE LIQUIDS, N.O.S. (9), III, **Class:** 9 (M9), **UN No.:** 3257, **Packaging Group:** III, **Hazard No.:** 99, **Label:** 9, **Technical Description:** Petroleum Lubricant

Freight Description Road: 65 Petroleum Oil, N.O.I.B.N.

##### **IMDG/ICAO**

This product is not regulated by IMDG/ICAO.

##### **TDG-CANADA**

This product is not regulated by TDG.

#### 15. Regulatory Information

##### **EC/GHS classification**

According to EC/GHS regulations this product is not classified or labeled

##### **New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)**

| Chemical Name       | CAS#      | New Jersey TS Number |
|---------------------|-----------|----------------------|
| Petroleum Lubricant | 8009-03-8 |                      |

**EPA Hazard Categories (SARA 311, 312):** None

**WHMIS Classification:** This product is not a WHMIS controlled product.

##### **CHEMICAL INVENTORY**

|                       |  |
|-----------------------|--|
| <u>Canada:</u>        | The ingredients of this product are on the DSL.              |
| <u>Europe:</u>        | The ingredients of this product are on the EINECS inventory. |
| <u>United States:</u> | The ingredients of this product are on the TSCA inventory.   |
| <u>Australia:</u>     | The ingredients of this product are on the AICS inventory.   |
| <u>Japan:</u>         | The ingredients of this product are on the ENCS inventory.   |
| <u>Philippines:</u>   | The product is on the Philippines Chemical Inventory (PICC)  |

# **HAYNES** Safety Data Sheet

## **HAYNES CIP FILM**

### **Haynes Manufacturing Company**

|                     |  |
|---------------------|--|
| <u>Korea:</u>       | The product is on the Korea Chemical Inventory (KECI)            |
| <u>China:</u>       | The product is on the China Chemical Inventory (IECSC)           |
| <u>New Zealand:</u> | The product is on the New Zealand Chemical Inventory (NZIoC)     |
| <u>Taiwan:</u>      | The product is on the Taiwan Chemical Substance Inventory (TCSI) |

### **16. Other Information**

#### **Recommended uses and restrictions**

Please consult the product and/or application information bulletins for this product.

#### **Further information, Europe**

Where appropriate, use CE approved personal protection equipment.

This Safety Data Sheet conforms to EC Directed 1907/2006 and amendments.

*We believe the statements, technical information, and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, of expense, direct or consequential, arising out of their use.*