

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Jaw Relation Recording Device  
Product Number: 687231  
Chemical Name: Pro-fax 6323  
Chemical Family: Polypropylene homopolymer

### Company Identification

Nobilium, Div. of CMP Industries LLC  
413 North Pearl St  
Albany, NY 12207-1311 USA  
(518)-434-3147 (For product information)  
(800)-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

### **EMERGENCY OVERVIEW:**

This material is not classified under GHS.

### **EYE:**

Process vapors may irritate eyes.

### **SKIN:**

Exposure to molten resin may cause thermal burns.

### **INHALATION:**

Process vapors may cause respiratory tract irritation.

### **INGESTION:**

Not applicable.

### **SIGNS AND SYMPTOMS OF EXPOSURE:**

Eyes: Irritation or redness.

Skin: Not applicable.

Inhalation: Irritation of the nose, throat and respiratory tract.

### **CHRONIC EFFECTS:**

None Known.

### **REPRODUCTIVE HAZARDS:**

None Known.



**CARCINOGENICITY INFORMATION:**

None Known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Preexisting lung disease may be aggravated with exposure to process vapors.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

Chemical Name	Amount	CAS Number
POLYPROPYLENE HOMOPOLYMER	> 99.0 %	9003-07-0
Confidential Ingredient	< 5.0 %	Trade Secret

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if eye irritation persists.

**SKIN CONTACT FIRST AID:**

Molten Resin: If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.

**INHALATION FIRST AID:**

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention.

**INGESTION FIRST AID:**

None considered necessary.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: 357 C (674.6 F)

**FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

**EXTINGUISHING MEDIA:**

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water to cool fire-exposed containers.



**FIRE & EXPLOSION HAZARDS:**

Product is shipped is not combustible dust. However, a combustible concentration of dust may occur when fines as suspended in air.

**FIRE FIGHTING INSTRUCTIONS:**

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

## 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):**

Spilled material may present a slipping hazard.

**INITIAL CONTAINMENT:**

Contain spilled material.

**LARGE SPILLS PROCEDURE:**

Clean up spills immediately, observing precautions in Protective Equipment section.

**SMALL SPILLS PROCEDURE:**

Same as large spill.

**MISCELLANEOUS:**

Prevent entry into sewers and waterways.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Keep away from heat, sparks and flame.

**HANDLING (PHYSICAL ASPECTS):**

Ground and bond containers when transferring material.

**STORAGE PRECAUTIONS:**

Avoid extreme temperatures.

**SPECIAL SENSITIVITY:**

Material may accumulate static charges during transfers. Ground and bond containers when transferring material.

**MISCELLANEOUS:**

This product may react with strong oxidizing agents and should not be stored near such materials. Store boxes and bags of material in areas protected with automatic sprinklers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Provide adequate room ventilation. Provide adequate ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations.



**EYE / FACE PROTECTION REQUIREMENTS:**

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact. Heat resistant face shield recommended when handling hot material.

**SKIN PROTECTION REQUIREMENTS:**

When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over skin to prevent contact. Wear suitable gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and/or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator,.

**MISCELLANEOUS:**

Eyewash fountains and safety showers should be easily accessible.

**EXPOSURE GUIDELINES:**

No Information Available.

**MISCELLANEOUS:**

Use good local exhaust at processing equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Solid
COLOR:	Translucent to white
ODOR:	Slightly waxy
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.880 to 0.92 (Water = 1)
MELTING/FREEZING POINT:	>160 C
% VOLATILES:	<0.4 %

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable; however, may decompose if heated.

**POLYMERIZATION:**

Product will not undergo polymerization.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents, strong alkaline and strong acids.

**DECOMPOSITION:**

At elevated temperatures the material will begin to decompose, producing fumes that can contain carbon dioxide, carbon monoxide, ketones, acrolein, formaldehyde, aldehydes, unidentified organic compounds.

**CONDITIONS TO AVOID:**

Oxidizing materials.

## 11. TOXICOLOGICAL INFORMATION



**ACUTE ORAL EFFECTS:**

LD50>5.00 g/kg (rat) practically non-toxic.

Dermal.

LD50> 2.00 g/kg(rabbit) practically non-toxic.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:**

Keep pellets out of waterways.

**ENVIRONMENTAL FATE:**

Not readily biodegradable.

**MISCELLANEOUS:**

Avoid runoff into storm sewers and ditches which lead to waterways.

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:**

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes etc, may render the resulting materials hazardous.

## 14. TRANSPORT INFORMATION

PRODUCT LABEL:	Jaw Relation Recording Device
D.O.T. SHIPPING NAME:	Not Regulated

## 15. REGULATORY INFORMATION

**EEC Symbols and Indications of Danger:**

Not Determined

**WHMIS Hazard Symbols:**

None

## 16. OTHER INFORMATION

PREPARED BY:	John Nicpon
APPROVED BY:	John Nicpon
TITLE:	Quality Manager
APPROVAL DATE:	April 3, 2015



SUPERCEDES DATE: November 11, 2013  
RTN NUMBER: 00061061 (Official Copy)

**HMIS Rating:**

Health - 0  
Flammability - 1  
Reactivity - 0  
Personal Protection Index - 0

**NFPA Rating:**

Health - 0  
Flammability - 0  
Reactivity - 0

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**END OF SAFETY DATA SHEET**

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# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Jaw Relation Recording Device  
Product Number: 687231  
Chemical Name: K-Resin Copolymer  
Chemical Family: Styrene-Butadiene Copolymer

### Company Identification

Nobilium, Div. of CMP Industries LLC  
413 North Pearl St  
Albany, NY 12207-1311 USA  
(518)-434-3147 (For product information)  
(800)-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

### **EMERGENCY OVERVIEW:**

This material is not classified under GHS.

DUST MAY PRODUCE MECHANICAL IRRITATION TO THE MUCOUS MEMBRANES OF THE EYES, NOSE, THROAT AND UPPER RESPIRATORY TRACT.

### **EYE:**

If the material is heated thermal burns may result from eye contact. Not expected to cause prolonged or significant eye irritation. Material is dusty and may scratch the surface of the eye.

### **SKIN:**

Thermal burns to the skin: may include pain or feeling of heat, discoloration, swelling and blistering. If this material is heated, thermal burns may result from skin contact. Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.

### **INHALATION:**

The dust from this material may cause respiratory irritation.

### **INGESTION:**

Not expected to be harmful if swallowed.

### **SIGNS AND SYMPTOMS OF EXPOSURE:**

Eyes: Irritation or redness.

Skin: Not applicable.

Inhalation: Irritation of the nose, throat and respiratory tract.



**CHRONIC EFFECTS:**

Exposure to excessive airborne concentrations may result in acute respiratory disorders.

**MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:**

Preexisting lung disease may be aggravated with exposure to process vapors.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

Chemical Name	Amount	CAS Number
STYRENE-BUTADIENE COPOLYMER	100.0 %	Various

**COMPOSITION COMMENT:**

Control as Particulate Not Otherwise Classified(PNOC).The ACGIH Guideline\* for respirable dust is 3.0 mg/m<sup>3</sup> and 10.0 mg/m<sup>3</sup> for total dust. The OSHA PEL for respirable dust is 5.0 mg/m<sup>3</sup> and 15.0 mg/m<sup>3</sup> for total dust.

\*This value is for inhalable(total) particulate matter containing no asbestos and <1.0% crystalline silica.

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if eye irritation persists.

**SKIN CONTACT FIRST AID:**

Molten Resin: If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.

**INHALATION FIRST AID:**

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention.

**INGESTION FIRST AID:**

If swallowed, do NOT induce vomiting. Give the person a glass of water or milk to drink and get immediate medical attention. Never give anything my mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: None

**FLAMMABLE LIMITS IN AIR**





LEL: N/A  
UEL: N/A

**EXTINGUISHING MEDIA:**

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water to cool fire-exposed containers.

**FIRE FIGHTING INSTRUCTIONS:**

Evacuate area of all unnecessary personnel. Wear appropriate safety equipment for fire conditions including NIOSH self-contained breathing to extinguish flames, apparatus (SCBA) and other protective equipment as described in Section 8 if exposure conditions warrant.

**COMBUSTION PRODUCTS:**

Combustion may form: Carbon Oxides. Simple Hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):**

Wear appropriate personal protective equipment.

**INITIAL CONTAINMENT:**

Shovel and sweep up or use industrial vacuum cleaner.

**LARGE SPILLS PROCEDURE:**

Avoid creating dust clouds. Shovel, sweep up or use industrial vacuum cleaner to pick up. Place in container for proper disposal. reduce airborne dust and prevent scattering by moistening with water. If heated material is spilled, allow it to cool before proceeding with disposal methods.

**SMALL SPILLS PROCEDURE:**

Same as large spill.

**MISCELLANEOUS:**

State, Federal or local regulations may require reporting spills of this material that could reach any surface waters.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Use caution to avoid creation of dusts and to prevent inhalation of product dust(fines). Avoid contact with product dust,.

**HANDLING (PHYSICAL ASPECTS):**

Airborne dust above 20 mg/L may create a dust explosion hazard. Keep out of water sources and sewers. Spilled pellets may create a slipping hazard. Avoid breathing vapors or fumes which may be release during thermal processing. Do not breathe dust at levels above the recommended exposure limits.

**STORAGE PRECAUTIONS:**

Treat as a solid that can burn. Store away from oxidizing materials, in a cool, dry place with adequate ventilation. Bond and ground transfer equipment. DO NOT USE OR STORE near heat, sparks or open flames. USE AND STORE ONLY IN WELL VENTILATED AREA. keep container closed when not in use.



**SPECIAL SENSITIVITY:**

Material may accumulate static charges during transfers. Ground and bond containers when transferring material.

**MISCELLANEOUS:**

This product may react with strong oxidizing agents and should not be stored near such materials. Store boxes and bags of material in areas protected with automatic sprinklers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Provide adequate room ventilation. Provide adequate ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations.

**EYE / FACE PROTECTION REQUIREMENTS:**

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact. Heat resistant face shield recommended when handling hot material.

**SKIN PROTECTION REQUIREMENTS:**

When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over skin to prevent contact. Wear suitable gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and/or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator,.

**MISCELLANEOUS:**

Eyewash fountains and safety showers should be easily accessible.

**EXPOSURE GUIDELINES:**

No Information Available.

**MISCELLANEOUS:**

Use good local exhaust at processing equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Solid
COLOR:	Clear and opaque pellets
ODOR:	Slightly waxy
VAPOR DENSITY:	>2 (Air = 1)
SOLUBILITY IN WATER:	Negible
SPECIFIC GRAVITY:	1 (Water = 1)
% VOLATILES:	0.2 %
EVAPORATION RATE:	<1

## 10. STABILITY AND REACTIVITY

**STABILITY:**



This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Reacts with acids halogenated hydrocarbons, aldehydes, ketones and strong oxidizing materials.

**DECOMPOSITION:**

Carbon Oxides. Simple Hydrocarbons.

**CONDITIONS TO AVOID:**

No data available.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

This material is not expected to be irritating to the eyes.

**SKIN EFFECTS:**

This material is not expected to be irritating to the skin.

**ACUTE ORAL EFFECTS:**

LD50/ not known.

Dermal.

LD50/not known.

**ACUTE INHALATION EFFECTS:**

LC50/not known.

**CHRONIC EFFECTS /:**

Long-term exposure to high dust concentrations may cause non-debilitating lung changes.

**MISCELLANEOUS:**

The toxicological properties of this product have not been tested or have been tested completely and its hand or use may be hazardous. Exercise due care.

This product is STYRENE BUTADIENE COPOLYMER (K-RESIN COPOLYMER).K-Resins copolymer was not mutagenic in ames test A 90 day feeding study in rats given diets containing up to 5%. Copolymer(powder) indicated no adverse affects. Combustion(burning) of most carbon-containing material forms carbon monoxide. Chronic exposure to carbon monoxide causes fatigue, poor memory, loss of sensation in fingers, visual disturbance and insomnia.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:**

Keep pellets out of waterways.



**ENVIRONMENTAL FATE:**

Not readily biodegradable.

**MISCELLANEOUS:**

Avoid runoff into storm sewers and ditches which lead to waterways.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes etc, may render the resulting materials hazardous.

**14. TRANSPORT INFORMATION**

PRODUCT LABEL:                      Jaw Relation Recording Device  
D.O.T. SHIPPING NAME:            Not Regulated

**15. REGULATORY INFORMATION**

**EEC Symbols and Indications of Danger:**

None

**S-Phrases:**

S22 - Do not breathe dust.

**WHMIS Hazard Symbols:**

None

**16. OTHER INFORMATION**

PREPARED BY:                      John Nicpon  
APPROVED BY:                      John Nicpon  
TITLE:                                Quality Manager  
APPROVAL DATE:                    April 3, 2015  
SUPERCEDES DATE:                 November 11, 2013  
RTN NUMBER:                        00061062 (Official Copy)

**NFPA Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0  
Special Hazard - N/A

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**END OF SAFETY DATA SHEET**  
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