

# SAFETY DATA SHEET

NC 257-2 SAC305



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of the substance or preparation

**Product name** : NC 257-2 SAC305  
**Synonyms** : NC257-M3 SAC305  
**Product type** : Paste.  
**Product description** :

### Use of the substance/preparation

<u>Sector of Use</u>	<u>Chemical Product Category</u>	<u>Process Category</u>	<u>Article Category</u>	<u>Environmental Release Category</u>
None identified.				

### Company/undertaking identification

**Manufacturer** : AIM  
 9100 Henri Bourassa East  
 Montreal, QC  
 H1E 2S4  
 (514) 494-2000

INFOTRAC  
 North America: (800) 535-5053  
 International: (352) 323-3500

## 2. HAZARDS IDENTIFICATION

### Europe

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Xi; R36/38  
 R43

**Human health hazards** : Irritating to eyes and skin. May cause sensitization by skin contact.

See section 11 for more detailed information on health effects and symptoms.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/preparation** : Preparation

<u>Ingredient name</u>	<u>CAS number</u>	<u>%</u>	<u>Number</u>	<u>Classification</u>
<u>Europe</u>				
Tin	7440-31-5	70 - 100	231-141-8	Xi
Silver	7440-22-4	1.5 - 5	231-131-3	Xi
Hydrogenated rosin	65997-06-0	1.5 - 5	266-041-3	Xi

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

## 4. FIRST AID MEASURES

### First aid measures

- Inhalation** : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See section 11 for more detailed information on health effects and symptoms.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up**
- Large spill** : If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

## 7. HANDLING AND STORAGE

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 7. HANDLING AND STORAGE

### Packaging materials

**Recommended** : Use original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values

#### Ingredient name

#### Occupational exposure limits

#### Europe

TIN **ACGIH TLV (United States, 1/2005).**

TWA: 2 mg/m<sup>3</sup> 8 hour(s). Form: All forms

SILVER **EU OEL (Europe, 4/2004). Notes: Indicative**

TWA: 0.1 mg/m<sup>3</sup> 8 hour(s). Form: All forms

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

### Exposure controls

**Occupational exposure controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory protection** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

**Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

#### Appearance

**Physical state** : Solid. (Paste.)

**Color** : not available

**Odor** : Typical rosin.

### Important health, safety and environmental information

**Explosive properties** : Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts.

**Relative density** : Not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Materials to avoid</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics

<b>Absorption</b>	:
<b>Distribution</b>	:
<b>Metabolism</b>	:
<b>Elimination</b>	:

### Potential acute health effects

<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: Irritating to mouth, throat and stomach.
<b>Skin contact</b>	: Irritating to skin. May cause sensitization by skin contact.
<b>Eye contact</b>	: Irritating to eyes.

### Acute toxicity

<b>Conclusion/Summary</b>	: Not available.
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### Potential chronic health effects

#### Chronic toxicity

<b>Conclusion/Summary</b>	:
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#### Irritation/Corrosion

<b>Conclusion/Summary</b>	: Not available.
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#### Sensitizer

<b>Conclusion/Summary</b>	: Not available.
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#### Carcinogenicity

<b>Conclusion/Summary</b>	: Not available.
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#### Mutagenicity

<b>Conclusion/Summary</b>	:
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#### Teratogenicity

<b>Conclusion/Summary</b>	:
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#### Reproductive toxicity

<b>Conclusion/Summary</b>	:
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**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic ecotoxicity

**Conclusion/Summary** : Not available.

### Persistence/degradability

**Conclusion/Summary** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

**AOX** : The product does not contain organically bound halogens which could lead to an AOX value in waste water.

**PBT** : Not applicable.

**vPvB** : Not applicable.

### 13. DISPOSAL CONSIDERATIONS

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.
- Norway - Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

### 14. TRANSPORT INFORMATION

#### International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	Not regulated.	-		-		-
ADNR Class	Not regulated.	-		-		-
IMDG Class	Not regulated.	-		-		-
IATA Class	Not regulated.	-		-		-

PG\* : Packing group

### 15. REGULATORY INFORMATION

- Chemical Safety Assessment** : This product contains substances for which Chemical Safety Assessments are still required.

#### EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

- Hazard symbol or symbols** :



Irritant

- Risk phrases** : R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.
- Safety phrases** : S24- Avoid contact with skin.  
S37- Wear suitable gloves.
- Contains** : TIN  
Rosin, hydrogenated  
SILVER
- Product use** : Industrial applications.
- Europe inventory** : Not determined.
- Black List Chemicals** : Not listed
- Priority List Chemicals** : Not listed
- Integrated pollution prevention and control list (IPPC) - Air** : Not listed
- Integrated pollution prevention and control list (IPPC) - Water** : Not listed

#### National regulations

##### Denmark

**15. REGULATORY INFORMATION****Hazard symbol or symbols :**

Irritant

**Risk phrases :** R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.

**Safety phrases :** S24- Avoid contact with skin.  
S37- Wear suitable gloves.

**Contains :** TIN  
Rosin, hydrogenated  
SILVER

**Restrictions on use :** Not to be used by professional users below 18 years of age. See the National Working Environment Authorities Executive Order on young people's dangerous work.

Norway**Hazard symbol or symbols :**

Irritant

**Risk phrases :** R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.

**Safety phrases :** S24- Avoid contact with skin.  
S37- Wear suitable gloves.

**Carcinogenic class :** Not classified.

**Contains :** TIN  
Rosin, hydrogenated  
SILVER

France

**Reinforced medical surveillance :** Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable

Netherlands

**Water Discharge Policy (ABM) :** Slightly harmful to aquatic organisms. Abatement effort: B

Germany

**Hazard class for water :** 2 Appendix No. 4

**Technical instruction on air quality control :** TA-Luft Number 5.2.1: 100%

Austria

**Limitation of the use of organic solvents :** Permitted.

Switzerland

**VOC content :** Liberated.

Italy

**D.Lgs. 152/06 :** Not classified.

International regulations

**Chemical Weapons Convention :  
List Schedule I Chemicals**

**Chemical Weapons Convention :  
List Schedule II Chemicals**

**Chemical Weapons Convention :  
List Schedule III Chemicals**

**16. OTHER INFORMATION**

**Full text of R-phrases referred to in sections 2 and 3 - Europe** : R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.

**Full text of classifications referred to in sections 2 and 3 - Europe** : Xi - Irritant

<u>Sector of Use</u>	<u>Chemical Product Category</u>	<u>Process Category</u>	<u>Article Category</u>	<u>Environmental Release Category</u>
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None identified.

**Key data sources** : -CHEMTOX database

**History**

**Date of printing** : 10/7/2010.

**Date of issue/ Date of revision** : 10/7/2010.

**Date of previous issue** : No previous validation.

**Version** : 1.04

**Prepared by** :

☑ Indicates information that has changed from previously issued version.

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Annex**

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