**Section 1 – PRODUCT IDENTIFICATION**

Material Name: Hydrocarbon Resin

Trade Name: NEVTAC® 100 Resin

**Recommended Uses of Product and Restrictions**

- Identified Uses: Adhesives, coatings
- Uses Advised Against: None Known

**Manufacturer Information**

Neville Chemical Company
2800 Neville Road
Pittsburgh, PA 15225-1496
Phone: 412-331-4200
Emergency Phone #: 412-331-4200 or CHEMTREC at 800-424-9300
Fax: 412-777-4234

**Section 2 - HAZARD(S) IDENTIFICATION**

**Classification in accordance with 29 CFR 1910.1200**

- Combustible Dust

**GHS LABEL ELEMENTS**

**Symbol(s)**

- None needed according to classification criteria.

**Signal Word**

- WARNING

**Hazard Statement(s)**

- May form combustible dust concentrations in air.

**Precautionary Statement(s)**

**Prevention**

- None needed according to classification criteria.

**Response**

- None needed according to classification criteria.
Safety Data Sheet

Material Name: Hydrocarbon Resin
NEVTAC® 100 Resin

Storage
None needed according to classification criteria.

Disposal
Dispose of contents / container in compliance with local / regional / national / international regulations.

***Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS***

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Petroleum Hydrocarbon Resin (C-5)</td>
<td>&gt;99%</td>
</tr>
</tbody>
</table>

***Section 4 - FIRST-AID MEASURES***

Description of Necessary Measures

Inhalation
If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin Contact
Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention, if needed. Thoroughly clean and dry contaminated clothing before reuse.

Eye Contact
Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion
Call a Poison Center or doctor/physician if you feel unwell. Rinse mouth.

Most Important Symptoms/Effects

Acute
Mild skin irritation. No information on significant adverse effects.

Delayed
No information on significant adverse effects.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed
Provide general supportive measures and treat symptomatically.
**Section 5 - FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Dry chemical, carbon dioxide, foam, water spray

**Unsuitable Extinguishing Media**
Do not use high-pressure water streams.

**Special Hazard Arising from the Chemical**

**WARNING!**
Handling this material may create combustible dust which may be hazardous when finely divided and suspended in air. Combustible dust clouds can explode with destructive forces if ignited. Combustible dust clouds can be ignited by all common ignition sources including static electricity. Follow recognized grounding and bonding procedures. Keep away from heat, hot surfaces, sparks and open flame. Use with adequate ventilation. Minimize dust accumulation on surfaces.

**Combustion Products:** oxides of carbon, carbon monoxide, hydrocarbons.

**Fire Fighting Measures**
Keep away from sources of ignition. Avoid inhalation of material or combustion by-products. Move material from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

**Special Protective Equipment and Precautions for Firefighters**
Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

**Section 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**
Wear appropriate personal protective equipment recommended in Section 8 of the MSDS. Keep unnecessary people away, isolate hazard area and deny entry. Avoid contact with skin and eyes. Avoid release to the environment. Only personnel trained for the hazards of this material should perform clean up and disposal

**Methods and Materials for Containment and Cleaning Up**
Avoid generating dust. Use non-sparking tools and equipment. Keep unnecessary people away, isolate hazard area and deny entry. Absorb with sand or other non-combustible material. Keep out of water supplies and sewers. Collect spilled material in appropriate container for disposal. Do not allow to enter into ground-water, surface water or drains.

**Environmental Precautions**
Avoid generating dust. Avoid release to the environment.
**Safety Data Sheet**

Material Name: Hydrocarbon Resin  
NEVTAC® 100 Resin

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**Section 7 - HANDLING AND STORAGE**

Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Keep away from all ignition sources. Do not breathe dust. Use methods to minimize dust. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see Section 8. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Take precautionary measures against static discharge. Dissipate static electricity during transfer by earthing (grounding and bonding) containers and equipment.

Conditions for Safe Storage, including any Incompatibilities

Store in a cool, dry place. Store in a well-ventilated area. Avoid contact with molten material. Keep separated from incompatible substances. Keep container tightly closed. Empty containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning. Store and handle in accordance with all current regulations and standards.

Incompatibilities: strong oxidizing materials

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**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

Component Exposure Limits

None

Biological Limit Value

There are no biological limit values for any of this material’s components

Appropriate Engineering Controls

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Individual Protection Measures, such as Personal Protective Equipment

**Eyes/Face Protection**

Wear splash resistant safety goggles with a face shield.

**Skin Protection**

Wear appropriate chemical resistant clothing.
Glove Recommendations
Wear appropriate chemical resistant gloves.

Respiratory Protection
A NIOSH approved respirator with organic vapor cartridges and N95 filters may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure.

** **Section 9 - PHYSICAL AND CHEMICAL PROPERTIES** **

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Solid</th>
<th>Vapor Density (air = 1):</th>
<th>&gt;1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Flakes / Pastilles</td>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color:</td>
<td>Amber</td>
<td>pH:</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor:</td>
<td>petroleum odor</td>
<td>Boiling Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not available</td>
<td>Boiling Point Range:</td>
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<tr>
<td>R&amp;B Softening Point, °C.:</td>
<td>100 ± 5</td>
<td>Decomposition Temperature:</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not Available</td>
<td>KOC:</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>Not Available</td>
<td>Log KOW:</td>
<td>Not available</td>
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<tr>
<td>Specific Gravity (water = 1):</td>
<td>Approx. 0.97 @ 25°C</td>
<td>Water Solubility:</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight (Mn):</td>
<td>1,425</td>
<td>Coeff. Water/Oil Dist:</td>
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</tr>
<tr>
<td>Molecular Weight (Mw):</td>
<td>2,850</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC:</td>
<td>Nil</td>
<td>Relative Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>&gt;400 °F</td>
<td>Viscosity, Brookfield, cps.:</td>
<td>2,270 @ 150°C. 430 @ 175°C. 130 @ 200°C.</td>
</tr>
<tr>
<td>OSHA Flammability Class:</td>
<td>Combustible Solid</td>
<td>Taste:</td>
<td>Not available</td>
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<tr>
<td>Minimum Explosive Concentration:</td>
<td>10 – 20 g/m3</td>
<td>LEL:</td>
<td>Not available</td>
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<tr>
<td>KSt-value (bar x m/s):</td>
<td>282 to 344 bar.m/s</td>
<td>UEL:</td>
<td>Not available</td>
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<tr>
<td>Auto Ignition Temperature:</td>
<td>Not available</td>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

** **Section 10 - STABILITY AND REACTIVITY** **

Reactivity
None known.

Chemical Stability
Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions
Hazardous polymerization will not occur.
Safety Data Sheet

Material Name: Hydrocarbon Resin
NEVTAC® 100 Resin

Conditions to Avoid
Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Incompatible Materials
Oxidizing materials, combustible materials

Hazardous Decomposition Products
Oxides of carbon, carbon monoxide, hydrocarbons

***Section 11 - TOXICOLOGICAL INFORMATION***

Acute and Chronic Toxicity

Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and the following selected endpoints are published: None

Information on Likely Routes of Exposure

Inhalation
No information on significant adverse effects.

Ingestion
No information on significant adverse effects.

Skin Contact
May cause irritation

Eye Contact
Causes eye irritation

Immediate Effects
No information on significant adverse effects.

Delayed Effects
No information on significant adverse effects.

Medical Conditions Aggravated by Exposure
No data available.

Irritation/Corrosivity Data
No information available for the product.

Respiratory Sensitization
No information available for the product.
Safety Data Sheet

Material Name: Hydrocarbon Resin
NEVTAC® 100 Resin

Dermal Sensitization
No information available for the product.

Germ Cell Mutagenicity
No information available for product.

Reproductive Toxicity
No information available for product.

Specific Target Organ Toxicity - Single Exposure
No information available for the product.

Specific Target Organ Toxicity - Repeated Exposure
No information available for the product.

Aspiration Hazard
No information available for the product.

Carcinogenicity

Component Carcinogenicity
No information available for product

Reproductive Toxicity
No information available for product.

***Section 12 - ECOLOGICAL INFORMATION***

Ecotoxicity
May be harmful to aquatic life.

Component Analysis - Aquatic Toxicity
No information available for the product

Persistence and Degradability
No information available for the product.

Bioaccumulation
No information available for the product.

Mobility in Soil
No information available for the product.

Other Adverse Effects:
No information available for this product
** *Section 13 - DISPOSAL CONSIDERATIONS* * *

**Disposal Methods**
Dispose in accordance with all applicable regulations. Regulations vary. Consult local authorities before disposal.

**Disposal of Contaminated Packaging**
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

** *Section 14 - TRANSPORT INFORMATION* * *

**US DOT Information**
Shipping Name: Not regulated for transport

**TDG Information**
Shipping Name: Not regulated for transport

** *Section 15 - REGULATORY INFORMATION* * *

**U.S. Federal Regulations**
This material does not contain any chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

**SARA 311/312 Hazardous categories**
Acute Health: No
Chronic Health: No
Fire: No
Pressure: No
Reactive: No

**U.S. State Regulations**
The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>CA</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Not regulated under California Proposition 65
Safety Data Sheet

Material Name: Hydrocarbon Resin
NEVTAC® 100 Resin

Canada Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

Canadian WHMIS Ingredient Disclosure List (IDL)

None of the components of this material is on Canadian WHMIS Ingredient Disclosure List.

Canadian WHMIS Information

Not classified

Component Analysis - Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>US</th>
<th>CA</th>
<th>EU</th>
<th>AU</th>
<th>PH</th>
<th>JP</th>
<th>KR</th>
<th>CN</th>
<th>NZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Hydrocarbon Resin</td>
<td>Proprietary</td>
<td>Yes</td>
<td>DSL</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* * *Section 16 - OTHER INFORMATION* * *

NFPA Ratings: Health: 1  Fire: 1  Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS RATINGS:

Health: 1
Fire: 1
Reactivity: 0
Pers. Prot.: B Minimum

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe  * = Chronic hazard
Safety Data Sheet

Material Name: Hydrocarbon Resin
NEVTAC® 100 Resin

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLO - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Other Information
Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information.