

Safety Data Sheet

Material Name: Bio-Derived Hybrid Liquid Resin --- Nevstain 101



Section 1 – PRODUCT IDENTIFICATION

Material Name:
Bio-Derived Hybrid Liquid Resin

Trade Name:
Nevstain 101

Recommended Uses of Product and Restrictions

Identified Uses: wood 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

None needed according to classification criteria

GHS Label Elements

Symbol(s)

None needed according to classification criteria

Signal Word

None needed according to classification criteria

Hazard Statement(s)

None needed according to classification criteria

Precautionary Statement(s)

Prevention

None needed according to classification criteria

Response

None needed according to classification criteria

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Storage

None needed according to classification criteria

Disposal

Dispose in accordance with all applicable regulations.

Hazard(s) Not Otherwise Classified

Contact with hot material may cause thermal burns.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component	Percent
Proprietary	Bio-Derived Hybrid Liquid Resin	100

Section 4 - FIRST-AID MEASURES

Description of Necessary Measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact

Wash with plenty of soap and water. Get medical attention if irritation develops or persists.

Eye Contact

Flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Ingestion

If a large amount is swallowed, get medical attention. Do NOT induce vomiting.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

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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

Flammable liquid and vapor. May burn if exposed to surrounding fire. When heated above its boiling point, may generate vapors that may ignite in air and a source of ignition. Vapors are heavier than air and can collect in low areas; vapors can travel to an ignition source and flash back.

Upon combustion, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. 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. 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

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, sewers and soil. Collect spilled material in appropriate container for disposal. In case of spillage, stop the flow of material and block any potential routes to water systems.

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Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Do not breathe dust, mist, fumes or vapors. Wash thoroughly after handling. Wear protective gloves and eye/face protection. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see Section 8.

Conditions for Safe Storage, including any Incompatibilities

Store in a cool, dry place. Store in a well-ventilated area. Avoid contact with molten (hot) 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, combustible materials

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

None

Appropriate Engineering Controls

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

Individual Protection Measures, such as Personal Protective Equipment

Eyes/Face Protection

Wear splash resistant safety goggles with a face shield.

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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.

Hygiene Measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental Exposure Controls:

Environmental manager must be informed of all major spillages.

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

Physical State:	Liquid	Vapor Density (air = 1):	Not Available
Appearance:	Clear liquid	Evaporation Rate:	<1 (water = 1)
Color:	Amber	pH:	Not applicable
Odor:	Vegetable oil	Boiling Point:	Not available
Odor Threshold:	Not available	Boiling Point Range:	Not available
Softening Point:	Not Applicable	Decomposition Temperature:	Not available
Melting Point:	Not available	Vapor Pressure (mm Hg):	<1
Freezing Point:	Not available	KOC:	Not available
Specific Gravity (water = 1):	0.94	Log KOW:	Not available
Molecular Weight (Mn):	Not available	Water Solubility:	Not available
Mw:	Not available	Coeff. Water/Oil Dist:	Not available
VOC:	Not Available	Relative Density:	Not available
Flash Point:	395° F.	Viscosity, Brookfield :	100 cps. @ 25°C.
OSHA Flammability Class:	Combustible	Taste:	Not available
Minimum Explosive Concentration:	Not available	LEL:	Not available
KSt-value (bar x m/s):	N/A	UEL:	Not available
Auto Ignition Temperature:	Not available		
Non Volatile Content:	93.2%		

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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.

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

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Combustion: oxides of carbon, carbon monoxide, hydrocarbons.

Section 11 - TOXICOLOGICAL INFORMATION

Specified Substance(s)

Acute Toxicity

Test Results: No test data available for the ingredients.

Listed Carcinogens: None.

Product Information:

Acute Toxicity:

Test Results: No test data available for the product.

Other Acute: No additional adverse health effects noted.

Chronic Toxicity: No additional adverse health effects noted.

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Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Not expected to be harmful to aquatic organisms. No data available

Component Analysis - Aquatic Toxicity

No data available

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

Not regulated for transport

TDG Information

Not regulated for transport

IATA Information:

Not regulated for transport

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Section 15 - REGULATORY INFORMATION
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U.S. Federal Regulations

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), 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:

Component	CAS	CA	MA	MN	NJ	PA
Bio-Derived Hybrid Liquid Resin	Proprietary	No	No	No	No	No

Not regulated under California Proposition 65

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

WHMIS CLASSIFICATION: Not classified.

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Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Bio-Derived Hybrid Liquid Resin	Proprietary	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

EU: Product not REACH registered in Europe.

Section 16 - OTHER INFORMATION

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

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

HMISRATINGS:

Reactivity: 0

Pers. Prot.: B Minimum

Health: 1

Fire: 1

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

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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; LOLI - 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.