



"Environmentally Responsible Resin Systems"

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

MATERIAL IDENTITY: D0002C-Black
INFORMATION TELEPHONE: 920-803-1700

COMPANY: NoVOC Performance Resins, LLC
3687 Enterprise Drive
Sheboygan, WI 53083
EMERGENCY TELEPHONE: CHEMTREC: 800-424-9300

2. Hazardous INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
Vinylester Resin, Unsaturated	Mixture	
Titanium Dioxide	13463-67-7	10%-15%
Amorphous silica	7631-86-9	
Aluminum Hydroxide	21645-51-2	10%-15%
Carbon Black	13333-86-4	

3. HEALTH HAZARD

EFFECTS OF OVEREXPOSURE: Irritation of the respiratory tract or eyes. Any relevant information regarding any ingredient's status as a potential, suspect or confirmed carcinogen is listed in SECTION V of the MSDS.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None

PRIMARY ROUTE (S) OF ENTRY: Skin and Inhalation

INHALATION: No evidence of adverse effects furnished by raw material manufacturer.

EYE CONTACT: No evidence of adverse effects furnished by raw material manufacturer or other sources.

SKIN CONTACT: No evidence of adverse effects furnished by material manufacturer.

4. FIRST AID MEASURES

Eyes

Gently wash eyes and eyelids with water. Get medical assistance if irritation develops.

Skin

No information of effects furnished by raw material manufacturer. Remove contaminated clothing. Wash affected area with soap and water.

Ingestion

No information of adverse effects furnished by the raw material manufacturer. Do not take internally.

5. FIRE FIGHTING MEASURES

Proper Shipping Name – DOT/IATA/IMO: Not Regulated No Label Required
Shipping Label – DOT/IATA/IMO: No Label Required Flash Point: 9999 F

EXTINGUISHING MEDIA: Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical) for small fires. Foam, water spray or fog for large fires.

UNUSUAL FIRE & EXPLOSION HAZARDS. Containers of this product exposed to fire or flame will retain heat. Firefighting water or foam may cause frothing of product, which can be violent and possibly endanger firefighters. Water may be used to keep fire-exposed containers cool until fire is out.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool containers to prevent ignition. Fog nozzles are preferable. Do not use direct stream of water. Self contained positive pressure-breathing apparatus with full turnout gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: absorb material with absorbent material.

LARGE SPILL: prevent run-off to sewers, streams or other bodies of water. Notify proper authorities as required, that run-off has occurred. Persons not wearing proper protective equipment should leave spill site. Stop source of spill, dike to prevent spreading, transfer to salvage container. May be shoveled into containers.

WASTE DISPOSAL: dispose of waste product and process residue in accordance with all applicable local, state and federal regulations. Empty containers contain product residue. Follow label & MSDS warnings even after container is empty.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Eye protection should be worn in any type of industrial operation. The use of goggles or face shield designed to protect against liquid splash is recommended. The use of contact lenses is not recommended.

SKIN PROTECTION: The use of Neoprene style impervious gloves is recommended to prevent skin contact. Protective gloves are required for prolonged or repeated contact. Other types of gloves are available for specific tasks.

RESPIRATORY PROTECTIONS: In outdoor or open areas with unrestricted ventilation, no additional precautions needed. In restricted areas, use a NIOSH approved organic vapor respirator.

OTHER HYGIENIC PRACTICES: Eye washes and safety showers in the workplace are recommended. Wash hands prior to eating.

OTHER WORK PRACTICES

Use protective apron to prevent clothing contamination. Avoid prolonged skin contact with contaminants if clothes are soiled. Remove and wash all contaminated clothing before re-use. Never wear contaminated clothing away from the workplace.

Precautions to be taken in Handling & Storage:

Avoid exposure to high temperatures of over 120F to protect product stability and shelf life. Rotate product stocks. Keep closures tight to avoid leakage. Do not stack five-gallon containers more than 5 high. Store waste rags in an approved container.

8. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range	9999-0 F
Vapor Pressure	N/DA
Vapor Density (air=1)	Heavier than Air
Specific Gravity (water=1 @39.2F)	1.149
Percent Volatiles	Negligible
Evaporation Rate (Bac=1)	Slower than Ether

9. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to avoid) : None Known

HAZARDOUS DECOMPOSITION PRODUCTS : None

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Container is not a pressure vessel: NEVER use pressure to empty. Do not drag, puncture or drop container. Do not stack five-gallon pails more than 5 high.

10. SUPPLEMENT

NPCA HMIS RATING

Health	2
Flammability	0
Reactivity	0
Personal Protection	D

11. OTHER INFORMATION

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. This MSDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

