

SAFETY DATA SHEET

#155, Topcoat

SECTION 1-IDENTIFICATION

Product Identifier:	Nail Polish, Nailcoat VI
Manufacturer:	Mad River Science 2736 Clay Road Mckinleyville, CA 95519
Product Type:	Waterborne Nail Polish
Chemical Name:	Emulsion resin/pigment mixture
Chemical Family:	Water-based paint
CAS No:	Mixture/Not Hazardous

SECTION 2 – HAZARDOUS INGREDIENTS.

The major components of this product are not hazardous. Those several minor components which would normally present a nuisance under certain conditions of massive exposures are present in this product in very small amounts.

SECTION 3 - COMPOSITION

Components	CAS Number	INCI Name	Maximum % By weight
Water	7732-18-5	Aqua	49.42
Acrylates copolymer	mixture	Acrylates copolymer	38.18
Methyldipropasol	34590-94-8	PPG-2-Methyl Ether	4.08
Ethanol	64-17-5	Alcohol	4.08
Texanol	25265-77-4	Trimethyl Hydroxybutyl Isobutyrate	2.04

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of running water until water runs clear. Consult a doctor immediately.

Skin Contact: Wash with soap and water. Remove and wash contaminated clothing. Consult a doctor if irritation develops.

Inhalation: If vapor or mist is inhaled, remove to fresh air. Treat symptoms of irritation if necessary.

Ingestion: No harmful effect is anticipated. Intensely bitter. However, if a large amount (several ounces, 8 to 10 bottles) is swallowed, it is advisable to induce vomiting. Consult a doctor. Note to physician: Glycol ethers can cause delayed liver and kidney damage. Careful evacuation of the stomach is advisable.

SECTION 5- FIRE-FIGHTING MEASURES

Extinguishing Agents: This product is not a fire hazard as supplied since it contains no flammable materials. After water has evaporated, however, the remaining solids could ignite.

Use water spray or general purpose foams for large fires, dry chemical or CO2 for small fires.

Special fire Fighting Precautions: Wear self-contained breathing apparatus when fighting fires in enclosed areas or when exposure to smoke and gases could occur (including cleanup/salvage operations).

Unusual Fire and Explosion Hazards: Product may spatter if temperature of liquid exceeds the boiling point of water. If solids ignite, toxic and irritating gases will be emitted.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Don over-alls to protect clothes from splatters. Contain spill and recover as much as possible for reuse. Collect remainder with absorbents and place in a closed container to await disposal. If spill is in an enclosed space, provide ventilation. Spilled product is very slippery. Use caution to avoid falls. Clean spill area thoroughly with soap and water before product dries. Equipment or personal property should be washed before product dries to minimize damage. Consult with the local sewer or water pollution agencies before discharging to a sewer or waterway.

SECTION 7 – HANDLING AND STORAGE

Normal Processing: Suitable controls should be used to control process emissions. Employees should wash before eating or smoking. If clothing or shoes become contaminated, wash before reuse.

Storage: Store at temperatures between 50-100 deg F. Do not allow to freeze. Minimize contact with air to reduce contamination with mold, fungus and other organisms which could cause decomposition or spoilage.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazard Codes:

NFPA 704 (*):		HMIS(**):	
Health	1	Health	1
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
Special	None	Personal Protection	B(Gloves, goggles)

* NFPA=National Fire Protection Association hazard rating system based on severity of hazard under fire conditions.
** HMIS=Hazardous Materials Identification System based on National Paint and Coatings Association criteria for the product as delivered..

Ventilation: Use local exhaust ventilation to control mists or vapors generated if product is spray-applied. Ventilation must keep exposures below regulated limits.

Respiratory Protection: None normally required. If exposures are anticipated to be excessive, appropriate respirators should be selected by a qualified individual.

Eye Protection: Safety glasses. Use chemical safety goggles if splashing could occur.

Special Protective Equipment: Gloves suitable for use in water and chemically resistant should be worn when contact is expected.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

This product is a water-based paint with a mild, acrylic odor and clear, liquid appearance in the absence of colorants. Its boiling point is slightly greater than 212 deg F, pH is slightly alkaline (7.5-8.5), and it is readily diluted with water. Solids content is approximately 25 percent.

SECTION 10 – STABILITY AND REACTIVITY

Auto-ignition Temperature - Not Applicable
Lower Explosive Limit- Not Applicable
Upper Explosive Limit - Not Applicable
EPA/DOT Reportable Quantity – Not Applicable
DOT Labels: None Required
Instability: This material is considered stable. However, avoid temperatures above 177 deg C (350 deg F), the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.
Hazardous Decomposition Products: CO, CO₂, HCN, oxides of nitrogen and small amounts of aromatic or aliphatic hydrocarbons can be generated from combustion of dry or cured latex.
Hazardous Polymerization: This product will not undergo polymerization.
Incompatibility: Avoid contact with acids, alkalies and strong oxidizing agents.

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Eye/skin contact. Inhalation
Conditions Aggravated by Exposure: None specific to product. Individuals with sensitive airways (e.g. asthmatics) may react to airborne vapors. Persons with pre-existing skin problems or latex-glove allergies may be aggravated by contact with this product in liquid form.
Effects of Overexposure. Vapors or direct eye contact may cause irritation. Acute overexposure to vapors as may occur when heated or burned may cause nausea, dizziness or flu-like symptoms. Accidental ingestion may cause discomfort in the throat and stomach.

SECTION 12 – ECOLOGICAL INFORMATION

All components of this product are biodegradable. Dilution of run-off from large spills with copious amounts of water will mitigate the threat to waterways and wildlife.

SECTION 13- DISPOSAL CONSIDERATION

This product is not considered a Hazardous Waste under current Federal RCRA requirements. Liquid product should not be disposed in a landfill. Liquid product generally requires some pre-disposal treatment

to separate the liquid portion from polymer and pigments. This is typically done by coagulating the polymer and solids with alum and removing the liquid. The liquid portion is discharged to an appropriate industrial or public treatment works (with approval of appropriate authority) Solids should be sent to an approved landfill or preferably, incinerated. Product as a whole can be incinerated in suitable equipment.

SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping Name: Not Regulated
DOT Primary Hazard Classification: NA
UN/NA Hazard No.: NE
Flash Point: noncombustible

SECTION 15 – REGULATORY INFORMATION

Not applicable..

SECTION 16- OTHER INFORMATION

Date of Preparation: September 9, 2021

User's Responsibility: This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of user's operation must be examined to determine if, when and where, additional precautions may be necessary. All health and safety information contained in this bulletin must be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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