



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Thermoshield Polish Sealant

Manufacture: Nail Systems International
2 Union Hill Road
W. Conshohocken, PA 19428

Version Number: 2

MSDS Number: 5000

Product Code: Top Coat

Telephone Number: 610-825-1524 800-354-6741

www.nsinails.com

Fax Number: 610-825-2738

TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

Infotrac Domestic - 800-535-5053

Infotrac International - 352-323-3500

2. COMPOSITIONAL INFORMATION

Ingredient Name	CAS Number	Concentration	Exposure Limits / Health Hazards	
N-Propyl Acetate	109-60-4		OSHA VPEL	200 ppm TWA
			ACGIH TLV	200 ppm TWA
Nitrocellulose	9004-70-0		OSHA VPEL	Not Established
			ACGIH TLV	Not Established
2-Butanone	78-93-3		OSHA VPEL	200 ppm TWA
			ACGIH TLV	200 ppm TWA
Ethyl Acetate	141-78-6		OSHA VPEL	400 ppm TWA
			ACGIH TLV	400 ppm TWA
Proprietary Monomer	Trade Secret		OSHA VPEL	Not Established
			ACGIH TLV	Not Established
2-Propanol	67-63-0		OSHA VPEL	400 ppm TWA
			ACGIH TLV	400 ppm TWA
2-Hydroxy-4-n-octoxybenzophenone	1843-05-6		OSHA VPEL	Not Established
			ACGIH TLV	Not Established

3. FIRE AND EXPLOSION HAZARD INFORMATION

Extinguishing Media

Use a water spray, dry chemical, alcohol foam or carbon dioxide to extinguish fire.

Basic Fire Fighting Procedures

Evacuate area and fight fire from a safe distance. Water may be ineffective. Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus and full protective clothing.

NFPA Rating Health – 2 Flammability – 3 Reactivity - 2

Flash Point: 58° F ° C

Auto Ignition Temperature: ND ° C

Flammability Limits in Air, Lower % by Volume: 1.7

Flammability Limits in Air, Upper % by Volume: 7.9



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4. HEALTH HAZARD INFORMATION

Potential Health Effects, Skin SLIGHTLY IRRITATING

May cause mild skin irritation. May cause an allergic reaction in some individuals.

Potential Health Effects, Eye MODERATELY IRRITATING

May cause eye irritation. This information is based on findings from related or similar materials.

Potential Health Effects, Inhalation SLIGHTLY IRRITATING

The following evaluation is based on a component(s) of this material.

Practically Non-Toxic. Under normal conditions, inhalation is not expected to be a problem. However, respiratory tract irritation may occur if exposed to fumes or mist. Breathing of the mists, vapors or fumes may be irritating to the nose, throat and lungs.

5. FIRST AID INFORMATION

Skin SLIGHTLY IRRITATING

Remove contaminated clothing and launder before reuse. Wash affected skin areas with soap and water. See a physician if irritation persists.

Eye MODERATELY IRRITATING

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding the eyelids apart. GET IMMEDIATE MEDICAL ATTENTION

Inhalation SLIGHTLY IRRITATING

Move subject to fresh air. If having difficulty breathing, administer oxygen. Give artificial respiration if breathing has stopped. Call a physician.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact a physician, medical facility, or poison control center for advise about whether to induce vomiting. If possible, do not leave individual unattended.

6. REACTIVITY INFORMATION

Stability / Incompatibility

Stable. Incompatible with strong oxidizing agents.

Hazardous Reactions / Decomposition Products

May form carbon dioxide and carbon monoxide.

Hazardous Polymerization

Will not occur.

7. SPILL OR LEAK PROCEDURES INFORMATION

Emergency Action

Eliminate and/or shut off any ignition source and keep ignition sources out of the area. Evacuate the area of all unnecessary personnel. Thoroughly ventilate the area, use self-contained breathing apparatus. Wear protective equipment if exposure conditions warrant.

Spill or Leak Procedure

Eliminate and/or shut off any ignition source and keep ignition sources out of the area. Shut off leak if safe to do so. Absorb spill with inert material (e.g. dry sand or earth) then place in a chemical waste container. Use water spray to dilute spill to a nonflammable mixture. Avoid runoff into storm sewers and ditches, which lead to waterways.



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8. SPECIAL PROTECTION INFORMATION

Skin Protection: Personal Protection Equipments (PPE)

If skin contact is anticipated, protective clothing, including gloves, should be worn.

Eye Protection: Personal Protection Equipments (PPE)

Wear chemical safety goggles

Have eye-washing facilities readily available where eye contact can occur.

Respiratory Protection: Personal Protection Equipments (PPE)

Good general ventilation should be sufficient to control airborne levels.

9. STORAGE AND HANDLING EQUIPMENT

Handling

Wash hands thoroughly before eating, drinking or smoking. Store below 120 degrees F in a tightly closed container in a cool, dry, isolated, well ventilated area, away from heat, ignition sources and incompatibles. Store out of direct sunlight. Use non-sparking tools.

Storage

Store in tightly closed containers in a cool, dry, isolated, well ventilated area away from heat, source of ignition and incompatibles.

10. MISCELLANEOUS INFORMATION

Disclaimer

The above information is based on the data of which we are aware and is believed to be correct as the data hereof. Since this information may be applied under conditions beyond our control and which may be unfamiliar and since data made available subsequent to the data hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his or her own determination of the suitability of the material for his /her particular purpose.

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