

MATERIAL SAFETY DATA SHEET

Calcium Kapping Gel

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Revision Date: 01/03/07

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Calcium Kapping Gel, **Chemical Name:** Proprietary Blend, **Chemical Family:** Photopolymerizable Formulation, **Formula:** Not Applicable, Mixture, **CAS Registry Number:** Not Applicable, Mixture.

Manufactured by: Star Nail International
29120 Avenue Paine
Valencia, CA 91355

Telephone Numbers: (661) 257-7827 **Emergency Contact:** (813) 248-0573 or (800) 255-3924

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical formulations of this type are based on acrylate/methacrylate chemistry, and contain monofunctional and multifunctional acrylate/methacrylate monomers/oligomers and photoinitiators. The specific identity of the ingredients is considered proprietary and a trade secret. The product in the uncured state is a potential sensitizer, a primary eye irritant and a moderate skin irritant.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Moderate acute health hazard. May irritate eyes and skin. Harmful if swallowed.

Effects of Overexposure: In The Eyes: May cause moderate irritation, including burning sensation, tearing, redness or swelling. **On The Skin:** May cause delayed irritation; potential sensitizer. **Carcinogenicity:** Not a carcinogen or potential carcinogen per NTP, IARC, OSHA. **Medical Conditions Aggravated by Exposure:** Unknown

4. FIRST AID MEASURES

If Inhaled: If effected, move to fresh air, restore breathing if necessary, seek medical attention. **If in Eyes:** Immediately flush eyes with clear water for at least 15 minutes. Get medical attention. **If on Skin:** Wash thoroughly with soap and water. Do not use solvent. Remove contaminated clothing and wash before reuse. **If Ingested:** Induce vomiting and seek medical attention.

5. FIRE FIGHTING MEASURES

Special Fire Fighting Procedures: Do not enter the fire area without proper protection. Fight the fire from a safe distance and protected location. Heat and impurities may increase temperature and build pressure that can rupture the container, and spread the fire, increasing risk of injuries. Use water spray fog for cooling. Notify authorities if the liquid enters the sewer or public water. **Hazardous Combustion Products:** Oxides of carbon. **Extinguishing Media:** Dry Chemical, Carbon Dioxide, Water, Water Fog, Foam. **Other Information:** Flash Points: >200°F (Setaflash), Autoignition Temperature: Not Applicable, Flammability Limits in Air (% by volume): Unknown.

6. ACCIDENTAL RELEASE (SPILL MEASURES)

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from the area of spill. Stop the spill at the source, dike the area to contain the spill, pump into salvage containers or absorb with inert material.

7. HANDLING AND STORAGE

Avoid eye and skin contact. No direct sunlight. Keep away from excess heat. Prevent freezing. Store in a tight closed container. Keep away from heat, sparks, open flame, strong oxidizing agents, radiation and other initiators. Prevent contamination by foreign materials. Promptly remove contaminated clothing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general exhaust fans, Eye Protection: Safetyglasses, SkinProtection: Impermeable gloves, Respiratory Protection: Use only NIOSH/MSHA approved respiratory protection for organic mists and vapors, Other Protective Equipment: As required to minimize skin contact. Rubber Apron. Eye wash, safety shower, Exposure Guidelines: None established for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Boiling Point: N/A. Specific Gravity, (H₂O=1): 1.07-1.09. Vapor Pressure, (mm Hg): Unknown. Vapor Density, (Air=1): Heavier Than Air. Solubility in Water: Limited Solubility. Reactivity in Water: Non-reactive. Appearance and Odor: Clear liquid, acrylic type pungent odor. Melting Point: N/A.

10. STABILITY AND REACTIVITY

Stability: Unstable, may polymerize. Incompatibility: Strong oxidizers, peroxides, and free radical initiators. Hazardous Polymerization: May occur. Conditions to avoid: Heat, direct sunlight, strong oxidizing agents, freezing conditions, ultraviolet radiation. Hazardous Decomposition Products: N/A

11. TOXICOLOGICAL INFORMATION

Toxicology of this product has not been established.

12. ECOLOGICAL INFORMATION

Do not discharge into drains or the environment, dispose to an authorized collection point.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local state and federal regulations. Container disposal, offer for recycling or triple rinse and dispose of in an approved landfill.

14. TRANSPORT INFORMATION	
DOT Description:	Not Regulated
15. REGULATORY INFORMATION	
All components are listed on the TSCA Inventory.	
16. OTHER INFORMATION	
Hazard Rating: HMIS: Health - 1 Flammability - 1 Reactivity - 2 Protective Equipment: B	NFPA: Health - 1 Flammability - 1 Reactivity - 2

The above information is based on data available to us and is believed to be correct. However no warranty, merchantability, fitness for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the result to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving it shall make his own determination for the suitability of the material for his particular purpose.

MATERIAL SAFETY DATA SHEET

Calcium Kapping White Building Gel

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Revision Date: 01/03/07

Supersedes: 12/11/03

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Calcium Kapping White Building Gel, **Chemical Name:** Proprietary Blend, **Chemical Family:** Photopolymerizable Formulation, **Formula:** Not Applicable, Mixture, **CAS Registry Number:** Not Applicable, Mixture.

Manufactured by: Star Nail International
29120 Avenue Paine
Valencia, CA 91355

Telephone Numbers: (661) 257-7827 **Emergency Contact:** (813) 248-0573 or (800) 255-3924

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical formulations of this type are based on acrylate/methacrylate chemistry, and contain monofunctional and multifunctional acrylate/methacrylate monomers/oligomers, pigments and photoinitiators. The specific identity of the ingredients is considered proprietary and a trade secret. The product in the uncured state is a potential sensitizer, a primary eye irritant and a moderate skin irritant.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Moderate acute health hazard. May irritate eyes and skin. Harmful if swallowed.

Effects of Overexposure: In The Eyes: May cause moderate irritation, including burning sensation, tearing, redness or swelling. On The Skin: May cause delayed irritation; potential sensitizer. Carcinogenicity: Not a carcinogen or potential carcinogen per NTP, IARC, OSHA. Medical Conditions Aggravated by Exposure: Unknown

4. FIRST AID MEASURES

If Inhaled: If effected, move to fresh air, restore breathing if necessary, seek medical attention. **If in Eyes:** Immediately flush eyes with clear water for at least 15 minutes. Get medical attention. **If on Skin:** Wash thoroughly with soap and water. Do not use solvent. Remove contaminated clothing and wash before reuse. **If Ingested:** Induce vomiting and seek medical attention.

5. FIRE FIGHTING MEASURES

Special Fire Fighting Procedures: Do not enter the fire area without proper protection. Fight the fire from a safe distance and protected location. Heat and impurities may increase temperature and build pressure that can rupture the container, and spread the fire, increasing risk of injuries. Use water spray fog for cooling. Notify authorities if the liquid enters the sewer or public water. **Hazardous Combustion Products:** Oxides of carbon. **Extinguishing Media:** Dry Chemical, Carbon Dioxide, Water, Water Fog, Foam. **Other Information:** Flash Points: >150°F (Setaflash), Autoignition Temperature: Not Applicable, Flammability Limits in Air (% by volume): Unknown.

6. ACCIDENTAL RELEASE (SPILL MEASURES)

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from the area of spill. Stop the spill at the source, dike the area to contain the spill, pump into salvage containers or absorb with inert material.

7. HANDLING AND STORAGE

Avoid eye and skin contact. No direct sunlight. Keep away from excess heat. Prevent freezing. Store in a tight closed container. Keep away from heat, sparks, open flame, strong oxidizing agents, radiation and other initiators. Prevent contamination by foreign materials. Promptly remove contaminated clothing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general exhaust fans, Eye Protection: Safety glasses, Skin Protection: Impermeable gloves, Respiratory Protection: Use only NIOSH/MSHA approved respiratory protection for organic mists and vapors, Other Protective Equipment: As required to minimize skin contact. Rubber Apron. Eye wash, safety shower, Exposure Guidelines: None established for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Boiling Point: N/A. Specific Gravity, (H₂O=1): 1.07-1.09. Vapor Pressure, (mm Hg): Unknown. Vapor Density, (Air=1): Heavier Than Air. Solubility in Water: Limited Solubility. Reactivity in Water: Non-reactive. Appearance and Odor: Pink liquid, acrylic type mild odor. Melting Point: N/A.

10. STABILITY AND REACTIVITY

Stability: Unstable, may polymerize. Incompatibility: Strong oxidizers, peroxides, and free radical initiators. Hazardous Polymerization: May occur. Conditions to avoid: Heat, direct sunlight, strong oxidizing agents, freezing conditions, ultraviolet radiation. Hazardous Decomposition Products: N/A

11. TOXICOLOGICAL INFORMATION

Toxicology of this product has not been established.

12. ECOLOGICAL INFORMATION

Do not discharge into drains or the environment, dispose to an authorized collection point.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local state and federal regulations. Container disposal, offer for recycling or triple rinse and dispose of in an approved landfill.

14. TRANSPORT INFORMATION

DOT Description: Not Regulated

15. REGULATORY INFORMATION

All components are listed on the TSCA Inventory.

16. OTHER INFORMATION

Hazard Rating:	
HMIS:	NFPA:
Health - 3	Health - 3
Flammability - 2	Flammability - 2
Reactivity - 1	Reactivity - 1
Protective Equipment: B	

The above information is based on data available to us and is believed to be correct. However no warranty, merchantability, fitness for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the result to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving it shall make his own determination for the suitability of the material for his particular purpose.