



MATTE™

Satin Gloss Floor Finish

DESCRIPTION

An easy-to-maintain, durable floor coating that produces a satin gloss appearance. Ideal for use in assisted living / nursing centers, especially those that focus on Alzheimer's patients. Perfect for linoleum and other flooring where a high gloss appearance is not desired. Resistant to scuffing, scratching and black heel marks.

PRODUCT FEATURES / BENEFITS

- Low gloss appearance / Recommended for assisted living / nursing centers, especially those that focus on Alzheimer's patients..
- Extremely durable finish / Reduces maintenance and wears exceptionally well.
- Self sealing / does not require the use of a separate sealer.
- Designed for ease of application / May be applied by any personnel without extensive training

DIRECTIONS FOR USE

Floor Preparation: Strip old finish and wax using your preferred NCL floor stripper following label directions. For baseboards and corners, use an NCL baseboard stripper following label directions. If necessary, rinse thoroughly with clean water and allow to completely dry.

Application: Using a clean mop or applicator apply thin uniform coats of MATTE™ Satin Gloss Floor Finish. Allow to dry for a minimum of 20 minutes after each coat. Do not apply more than 4 coats in a 24 hour period. Floor should be thoroughly dry before traffic is allowed in area.

Routine Maintenance: Dust mop using mop treated with an NCL dust mop treatment. Damp mop or clean with an automatic scrubber using your preferred NCL neutral floor cleaner following label directions.

Interim Maintenance: MATTE™ Satin Gloss Floor Finish is not recommended for burnishing. Scrubbing and Recoating is recommended. Dilute QWIK-SCRUB™ Scrub and Recoat Cleaner in mop bucket according to label dilution directions. Liberally mop solution onto floor surface and allow to dwell for 1 to 4 minutes. Fill autoscrubber with clear water, mount scrubbing pad or medium grade brush. With vacuum off and squeegee up, scrub the floor until all embedded soils and scuffs are removed from finish. Lower squeegee and vacuum to remove all scrubbing solution. Using clear water from the autoscrubber, rinse floor to remove any excess residue. Allow floor to completely dry prior to re-coating.

SPECIFICATIONS

Type	Metal Bonded Integrated Polymer
Coverage (sq. ft./gal)	2500 - 3000
Drying Time (minutes)	30
Odor.....	Pleasant
Color	White, opaque liquid
pH	8.2 ± 0.2
Powdering	Nil
Film Appearance.....	Clear
Non-yellowing	Yes
Flash Point.....	None

Nonslip	Yes
Freeze thaw stable	Yes
Detergent Resistant	Yes
Durability	Superior
Soil Resistance	Superior
Scuff Resistance	Superior
Black Mark Resistance	Superior
Leveling	Excellent
Recoatability	Excellent
Removability	Excellent
Shelf Life	1 year minimum in original unopened container

SAFETY INFORMATION

KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement

Prevention: Observe good industrial hygiene practices.

Response: Wash thoroughly after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at www.nclonline.com

KEEP FROM FREEZING

Meets or exceeds 0.5 coefficient of friction as measured by James Machine Methodology ASTM Method D 2047.

For Commercial and Industrial Use Only



FLOOR CARE



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517
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SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	MATTE Satin Gloss Floor Finish
Other means of identification	0585
Recommended use	Floor finish.
Recommended restrictions	For commercial and industrial use only.
Manufacturer / Importer / Supplier / Distributor Information	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

Section 2 - Hazard(s) Identification

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol	None.	
Signal Word	Not Available	
Hazard Statement	Not available.	
Precautionary statement		
Prevention	Observe good industrial hygiene practices.	
Response	Wash thoroughly after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Hazard(s) not otherwise classified (HNOC)	None known.	

Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	Diethylene Glycol Monoethyl Ether	111-90-0	1 - 5
	Tris(2-Butoxyethyl) Phosphate	78-51-3	1 - 5

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash skin with soap and water. Get medical attention if irritation persists.
Eye contact	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water. Seek medical advice.
Most Important symptoms /effects, acute and delayed	Mild eye irritation.
Indication of immediate medical attention and special treatment	Treat symptomatically.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	None known.

SAFETY DATA SHEET

Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment /instructions	Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.
General fire hazards	This product is not flammable or combustible.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. Use Personal Protective Equipment recommended in section 8 of the SDS.
Conditions for safe storage, including any incompatibilities	Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. Workplace environmental Exposure Level (WEEL) Guides

Component	Type	Value
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	TWA	140 mg/m ³ , 25 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines Use personal protective equipment as required. Keep working clothes separately.

Appropriate engineering controls Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.

Skin protection

Hand protection Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear appropriate chemical resistant clothing.

Respiratory protection Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL. In a confined space a supplied respirator may be required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations 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.

Section 9 - Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Liquid.
Color	White.
Odor	Acrylic.
Odor threshold	Not available.
pH	8.2
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	None to boiling.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.

SAFETY DATA SHEET

Relative density	1.03 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cP
Viscosity Temperature	75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	No adverse effects due to ingestion are expected.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
May cause eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Information on toxicological effects.

Acute toxicity	Not expected to be hazardous.
Skin corrosion/irritation	Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/ eye irritation	May cause eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not available.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

Section 12 - Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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Component(s)

Tris(2-Butoxyethyl) Phosphate, 78-51-3

Aquatic

Acute	Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	10.4 - 12 mg/l, 96 hours
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Persistence and degradability	The product is expected to be biodegradable.
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Bioaccumulative potential	Not known.
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Partition coefficient n-octanol / water log (Kow)

Components	Results
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)	3.75
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	-0.54

Mobility in soil	Not available.
Mobility in general	The product is water soluble and may spread in water systems.
Other adverse effects	None known.

Section 13 - Disposal considerations

SAFETY DATA SHEET

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Components	Result
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	LISTED
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS #	% by wt.
Diethylene Glycol Monoethyl Ether	111-90-0	1 - 5
Tris(2-Butoxyethyl) Phosphate	78-51-3	1 - 5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

US.Massachusetts RTK - Substance List

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US.New Jersey Worker and Community Right-to-Know Act

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US.Pennsylvania RTK - Hazardous Substances

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US.Rhode Island RTK

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US - California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes

SAFETY DATA SHEET

Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other information, including date of preparation or last version

Issue date	5/28/2014
Version #	01
Disclaimer	<p>The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS.</p> <p>Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.</p>

Directions:

Floor Preparation: Strip old finish and wax using your preferred NCL floor stripper following label directions. For baseboards and corners, use an NCL baseboard stripper following label directions. If necessary, rinse thoroughly with clean water and allow to completely dry.

Application: Using a clean mop or applicator apply thin uniform coats of MATTE™ Satin Gloss Floor Finish. Allow to dry for a minimum of 20 minutes after each coat. Do not apply more than 4 coats in a 24 hour period. Floor should be thoroughly dry before traffic is allowed in area.

Routine Maintenance: Dust mop using mop treated with an NCL dust mop treatment. Damp mop or clean with an automatic scrubber using your preferred NCL neutral floor cleaner following label directions.

Interim Maintenance: MATTE™ Satin Gloss Floor Finish is not recommended for burnishing. Scrubbing and Recoating is recommended. Dilute QWIK-SCRUB™ Scrub and Recoat Cleaner in mop bucket according to label dilution directions. Liberally mop solution onto floor surface and allow to dwell for 1 to 4 minutes. Fill auto scrubber with clear water, mount scrubbing pad or medium grade brush. With vacuum off and squeegee up, scrub the floor until all embedded soils and scuffs are removed from finish. Lower squeegee and vacuum to remove all scrubbing solution. Using clear water from the auto scrubber, rinse floor to remove any excess residue. Allow floor to completely dry prior to re-coating.

Instrucciones para Uso:

Preparación del piso: Tira acabado viejo y cera usando su extractor piso NCL preferido siguiendo instrucciones de la etiqueta. Para zócalos y esquinas, utilizar un separador de la placa base NCL siguiendo instrucciones de la etiqueta. Si es necesario, enjuague bien con agua limpia y deje que se seque completamente.

Aplicación: Usando un trapeador limpio o aplicador aplicar capas uniformes delgadas de MATTE™ raso Gloss Floor Finish. Deje que se seque durante un mínimo de 20 minutos después de cada capa. No aplique más de 4 capas en un período de 24 horas. El piso debe estar completamente seca antes de permitir el tráfico en la zona.

Mantenimiento de rutina: la fregona de polvo usando un trapeador tratado con un tratamiento trapeador NCL. Trapeador húmedo o limpiar con un lavador automático de la utilización de su NCL limpiador de pisos neutro preferido siguiendo instrucciones de la etiqueta.

Mantenimiento Provisional: MATTE™ raso Brillo Acabado para pisos no se recomienda para bruñido. Se recomienda fregado y repintado. Diluir QWIK-SCRUB™ Scrub y repintar Limpia en balde acuerdo a las instrucciones de dilución etiqueta. Liberalmente trapear solución sobre la superficie del suelo y permitir a habitar durante 1 a 4 minutos. Rellene lavador automático con agua clara, monte estropajo o cepillo de grado medio. Con fuera de vacío y la escobilla de goma hacia arriba, fregar el suelo hasta que todos los suelos y marcas incrustados se eliminan del final. Baje la escobilla de goma y el vacío para eliminar toda la solución de lavado. El uso de agua clara del lavador de automóviles, enjuague piso para eliminar el exceso de residuos. Permitir piso para volver a revestimiento antes completamente seco.



Finishing

Matte™

Satin Gloss Floor Finish

An easy-to-maintain, durable floor coating that produces a satin gloss appearance. Ideal for use in assisted living / nursing centers, especially those that focus on Alzheimer's patients. Perfect for linoleum and other flooring where a high gloss appearance is not desired. Resistant to scuffing, scratching and black heel marks.

KEEP OUT OF REACH OF CHILDREN. / SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS

See side panel for additional precautionary statements. / Ver panel lateral para las medidas preventivas adicionales.

NET CONTENTS: 1 GALLON / 3.79 LITERS

National Chemical Laboratories, Inc.
Philadelphia, PA 19123 USA • (800) 628-2436
www.nclonline.com

Product No.: 0585

KEEP OUT OF REACH OF CHILDREN.

Precautionary statement

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Additional safety measures:

Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at www.nclonline.com

Inhalation: Move to fresh air. Get medical attention if symptoms occur.

Skin contact: Wash skin with soap and water. Get medical attention if irritation develops or persists.

Eye contact: Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth thoroughly with water. Seek medical advice.

KEEP FROM FREEZING

CONTAINS: Diethylene Glycol Monoethyl Ether CAS# 111-90-0, Tris(2-Butoxyethyl) Phosphate CAS# 78-51-3

Meets or exceeds 0.5 coefficient of friction as measured by James Machine Methodology ASTM Method D 2047.

SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS.

Palabra de advertencia

Prevención: Mantenga buenas prácticas de higiene industrial.

Respuesta: Lávese las manos después del uso.

Almacenamiento: Consérvese alejado de materiales incompatibles.

Eliminación: Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales / internacionales pertinentes.

Este producto no se considera peligroso según la Norma de Comunicación de Peligros (Hazard Communication Standard) de OSHA, 29 CFR 1910.1200.

Medidas additional de primeros auxilios:

Lea toda la etiqueta y SDS antes de usar este producto, así como medidas adicionales de primeros auxilios. SDS para el artículo está disponible en la web en www.nclonline.com

Inhalación: Traslade al aire libre. Obtenga atención médica en caso de síntomas.

Contacto cutáneo: Lavar la piel con jabón y agua. Buscar atención médica si la irritación aumenta o persiste.

Contacto ocular: Enjuagar los ojos cuidadosamente con abundante agua durante al menos 15 minutos. Buscar atención médica si la irritación se desarrolla y persiste.

Ingestión: Enjuáguese la boca cuidadosamente con agua. Busque atención médica.

★★ MADE IN USA ★★

LG-0001-0585-01



FOR COMMERCIAL AND INDUSTRIAL USE ONLY
QUESTIONS?
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