NEO•PEEL® (all concentrations) Safety Data Sheet (SDS)

Section 1 – Product and Company Identification

Product Trade Name: NEO•PEEL® (all concentrations)

Recommended Use: NEO•PEEL® is an in-office superficial skin peel that combines glycolic acid with skin brightening agents to help minimize the appearance of fine lines and wrinkles, dark spots, uneven skin tone and texture and help promote renewed smoothness and radiance.

Distributor: Merz North America, Inc.
Northchase 1 Building
6501 Six Forks Road
Raleigh, NC 27615

Telephone: 844-469-6379

Hazmat Service Emergency Number: 800-373-7542

International Shipments: +1-484-951-2432

Section 2 – Hazard(s) Identification

GHS Classifications per 29CFR1910.1200

Acute toxicity, Inhalation (Category 4), H332
Serious eye damage (Category 1), H318
Skin corrosion (Category1B), H314

GHS Label Elements

Pictograms

Signal Word Danger

Hazard Statements

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

Precautionary Statements

P260	Do not breathe dust or mist
P264	Wash skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/clothing and eye/face protection
P301+P310+P330+P331	IF SWALLOWED: Rinse mouth and do NOT induce vomiting – immediately call a POISON CENTER or doctor/physician
P303+P353+P361	IF ON SKIN (or hair): Take off contaminated clothing immediately and rinse skin with water/shower
P304+P310+P340	IF INHALED: Move to fresh air, keep comfortable breathing, and contact POISON CENTER or doctor/physician
P305+P310+P338+P351	IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses if present/easy to do and continue rinsing – immediately call a POISON CENTER or doctor/physician
P363	Wash contaminated clothing before reuse
P501	Dispose of contents/ container to an approved waste disposal plant

Section 3 – Composition/Information on Ingredients

Ingredient	CAS Number	Concentration	Classification
Glycolic Acid	79-14-1	20% - 60%	Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H314, H318, H332 (see Section 2)

Section 4 – First Aid Measures

Take precautions to ensure your own health and safety before attempting rescue and providing first aid.

i) Eye

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue to flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by occasionally lifting the upper and lower eyelids with fingers. Seek medical attention.

ii) Skin

Immediately flush with plenty of water for at least 15 minutes while removing contaminated shoes and clothing. Get medical attention immediately. Wash (or discard) clothing and shoes before reuse.

iii) Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm and get medical attention immediately.

iv) Ingestion

If swallowed, do NOT induce vomiting. If victim is conscious and alert, give a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Notes to Physician: Treat symptomatically and supportively.

Section 5 – Fire-Fighting Measures

i) **Extinguishing Media:** Alcohol-resistant foam, water spray (fog), and dry chemical carbon dioxide type fire extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. It is recommended to plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

ii) **Fire Fighting Procedures:** Wear a self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning, or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

iii) **Decomposition:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Nitrous oxides, CO, CO_2.

Section 6 – Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Clean up spills immediately, observing precautions in Protective Equipment section. Provide adequate ventilation during cleanup procedures. Vacuum or sweep up or take up with absorbent material and place into waste container, or absorb with inert material (e.g., dry sand or earth) and place in a waste container. If necessary, neutralize the residue with a dilute solution of sodium carbonate. Do not flush to sewer.

Section 7 – Handling and Storage

i) **Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

ii) **Storage:** Store in a cool place in original container and protect from sunlight. Store away from incompatible materials. Keep container closed when not in use. Keep away from food and drinking water.

Section 8 – Exposure Controls and Personal Protection

i) **Engineering Controls**: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

ii) **Ventilation:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersions of it into the general work area.

iii) **Respiratory Protection:** None necessary for normal product handling. In the event of a large spill clean-up, wear an approved air-purifying respirator with organic vapor cartridges when working with this material.

iv) **Skin Protection:** Wear appropriate protective gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure.

v) **Eye Protection:** Avoid eye contact. Wear chemical splash goggles if risk of splash or spray. Maintain eye wash fountain and quick-drench facilities in work area.

vi) **Personal Hygiene:** Wash hands thoroughly after handling. No eating, drinking, or smoking in area.

Section 9 – Physical and Chemical Properties

i) **Appearance:** colorless aqueous solution

ii) **Odor:** None

iii) **Odor Threshold:** Not determined

iv) **pH:** 1.7 - 3.1

v) **Melting Point/Freezing Point:** Not determined

vi) **Initial Boiling Point and Boiling Range:** Not determined

vii) **Flash Point:** Not determined

viii) **Evaporation Rate:** Not determined

ix) **Flammability (solid, gas):** Not determined

x) **Upper/Lower Flammability or Explosive Limits:** Not determined

xi) **Vapor Pressure:** Not determined

xii) **Vapor Density:** Not determined

xiii) **Relative Density:** Not determined

xiv) **Solubility:** Not determined

xv) **Partition Coefficient:** Not determined

xvi) **Auto-ignition Temperature:** Not determined

xvii) **Decomposition Temperature:** Not determined

xviii) **Viscosity:** Not determined

Section 10 – Stability and Reactivity

i) **Stability:** Stable under ordinary conditions of use and storage. Hazardous polymerization will not occur.

ii) **Materials to avoid:** Store away from oxidizing agents, metals, cyanides, sulfides and heat. Store below 30ºC.

iii) **Hazardous Decomposition:** Carbon Dioxide and/or Carbon Monoxide

Section 11 – Toxicology Information

The toxicological properties of this material have not been thoroughly investigated.

There is no experimental toxicity data for this product. Refer to the data listed below for relative toxicity assessment.

TOXICITY DATA (100% Glycolic Acid)

Oral Toxicity:
LD50: 1950 mg/kg (rat)
LD50: 1920 mg/kg (guinea pig)

Inhalation Toxicity:
LC50: 7.7 mg/L/4H (rat)

Eye
SEV: 2 mg/kg (rabbit)

Section 12 – Ecological Information

Persistence and Degradability: Readily and rapidly degradable.

Aquatic Toxicity: No data available on this product.

Clean Air Act: This product does not contain any hazardous air pollutants. This product does not contain any Class 1 Ozone depletors. This product does not contain any Class 2 Ozone depletors.

Section 13 – Disposal Recommendations

Dispose of container and unused contents in accordance with federal, state, and local environmental regulatory requirements.

Section 14 – Transport Information

DOT Shipping Name: Corrosive Liquid, Acidic, Organic n.o.s., (Glycolic Acid)

DOT Hazard Class: 8

Hazardous Ingredients: Glycolic Acid

Identification Number: UN 3265

Packaging Group: II

Label: Corrosive

Note: During an incident involving this material, use of DOT Emergency Response Guide No. 154 is also recommended.

Section 15 – Regulatory Information

U.S. Federal Regulations: The following information may be useful in complying with various state and federal laws and regulations under various environmental statutes:

i) Toxic Substance Control Act (TSCA)
Chemical ingredients are on the TSCA Inventory or exempt

ii) Superfund Reportable Quantity (RQ)
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

iii) Sara Title III (section 311/312)
Acute Hazard

iv) Sara Title III (section 313)
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

v) Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
This product contains no components subject to reporting or notification requirements

vi) California Proposition 65 Warning
This product contains no components known to the State of California to cause cancer or reproductive effects

vii) Massachusetts, New Jersey, and Pennsylvania Right To Know Components
None

viii) WHMIS (Canada)
Class E: Corrosive Liquid

Section 16 – Other Information

Effective Date: 28 JAN 2016
Revision: 01

The information contained in this SDS is to the best of Merz North America, Inc.'s knowledge and is believed to be accurate and reliable as of the revision date. However, no representation, warranty, or guarantee is implied or expressed regarding the accuracy, reliability, or completeness of this information. Information contained within this SDS is related to occupational exposure.