# SAFETY DATA SHEET (SDS)

# PRODUCT: #2500 Nu-Wal

## SECTION 1 - IDENTIFICATION

#2500 Nu-Wal
SPECIFICATION CHEMICALS, INC.
1425 Metro East Drive #116
Pleasant Hill, Iowa 50327
**FOR PRODUCT INFORMATION OR EMERGENCY CALL: (515) 432-8256**

PRODUCT DESCRIPTION: #2500 is a liquid acrylic emulsion formulated to saturate and adhere fiberglass mat to plaster. Specification Chemicals does not anticipate any significant health or physical hazards associated with the normal use of this material. Nonetheless, the user is strongly encouraged to be familiar with the information presented in this MSDS and use prudent handling practices at all times. Consult supervisory personnel, a health and safety professional or the manufacturer regarding any adverse effects associated with the use of this material.

## SECTION 2 – HAZARD(S) IDENTIFICATION

| EMERGENCY OVERVIEW |
|---|
| **WARNING: MAY CAUSE MILD SKIN IRRITATION**<br>**MAY CAUSE MILD EYE IRRITATION** |

| **SIGNAL WORD:** Danger | **HAZARD CATEGORY** |
|---|---|
| SKIN IRRITANT | 2 |
| EYE IRRITANT | 2B |

| PICTOGRAMS |
|---|
|  |
| **Precautionary Statements:** |
| Prevention: P202 – Do not handle until all precautions are read and understood.; P281 – Use personal protective equipment as required. |
| Response: P202+P305 – If on skin, wash with soap & water; P333+P313 – If irritation persists, get medical attention. |
| Storage: Store in a well ventilated place. Keep cool. |
| Disposal: P501 - Dispose of contents in accordance with local, state and federal regulations. |

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | Approx. Wt. % |
|---|---|
| Styrene-acrylate-based polymer (proprietary) | ~30 |
| Quartz (CAS 14808-60-7) | ~6 |
| Pyrophyllite (CAS 12269-78-2) | ~6 |
| Mica (CAS 12001-26-2) | ~3 |
| Kaolin clay (CAS 1332-58-7) | ~9 |
| Titanium dioxide (CAS 13463-67-7) | ~3 |
| Diatomaceous earth (CAS 68855-54-9) | ~7 |
| (contains 40-70% cristoballite (CAS 14464-46-1) | ~4 |
| Benzoate esters (proprietary) | ~7 |
| Ethylene glycol (CAS 107-21-1) | ~2 |
| Non-hazardous ingredients | Balance |

## SECTION 4 – FIRST AID MEASURES

Swallowing: Not likely based on product usage. Seek medical help.
Inhalation: Remove victim to fresh air and seek medical help if symptoms persist.
Skin Contact: Wash affected area with soap and water and seek medical help if symptoms persist.
Eye Contact: Irrigate eyes with water. Seek medical help if irritation persists.

## SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Material will not burn so use media appropriate for surrounding materials.
Special Firefighting Instructions: Use Self-Contained Breathing Apparatus (SCBA) when fighting fires.

Small amounts of potentially hazardous gases are expected from any chemical that is subjected to fire. Hazardous decomposition products (such as carbon monoxide) associated with the burning of building materials will present a greater hazard than those from this product.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

If Material is Spilled: Large volume spills are not expected during routine use. Contain small spills by using an adsorbent such as vermiculite; adsorbent diking materials may be used for larger spills.

## SECTION 7 – HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Avoid breathing vapors in top of shipping container. Keep container closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash hands thoroughly after handling.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

| Ingredient | OSHA PEL |
|---|---|
| Styrene-acrylate-based polymer (proprietary) | NE |
| Quartz (CAS 14808-60-7) | See below |
| Pyrophyllite (CAS 12269-78-2) | 15 mg/m3 (total) |
| Mica (CAS 12001-26-2) | 3 mg/m3 (respirable) |
| Titanium dioxide (CAS 13463-67-7) | 15 mg/m3 |
| Kaolin clay (CAS 1332-58-7) | 5 mg/m3 |
| Diatomaceous earth (CAS 68855-54-9) | 20 mppcf |
| (contains 40-70% cristobalite (CAS 14464-46-1) | See below |
| Benzoate esters (proprietary) | NE |
| Ethylene glycol (CAS 107-21-1) | 100 mg/m3 |
| Non-hazardous ingredients | NA |

OSHA = Occupational Safety and Health Administration; PEL=Permissible Exposure Limit; NE=Not Established; NA=Not Applicable; mg/m3 = milligrams per cubic meter of air; mppcf – million particles per cubic foot air.

NOTES:

(1) Crystalline silica (as cristobalite & quartz) are listed as Group 1 carcinogen (carcinogenic to humans) by the International Agency for Research on Cancer (IARC). Product is in liquid form; silica-containing components will not become airborne during normal use. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) for crystalline silica (as cristobalite) based on formula: 1/2 (30 $mg/m^3$ / $SiO_2$+2); PEL for crystalline silica (as quartz) based on formula: (30 $mg/m^3$ / $SiO_2$+2).

(2) Titanium dioxide PEL of 15 mg/m3 as total dust.

(3) Ethylene glycol as ceiling limit of 100 mg/m3 established by the American Conference of Governmental Industrial Hygienists (ACGIH).

Respiratory Protection: Respirators not necessary during normal use. Consult supervisory and/or safety and health personnel for respiratory protection needs during special use circumstances. Per OSHA regulation 29 CFR 1910.134, respirator users are required to be medically-approved, fit-tested and trained before proper usage.

Ventilation: General room ventilation is expected to be satisfactory. Use of product in enclosed areas and/or special applications may require supplementary local exhaust. Consult supervisory and/or health and safety personnel when deviating from product's intended normal use.

Gloves: If skin contact is likely, use chemically-impervious, rubber gloves. As with any chemical material, avoid prolonged contact with skin.

Eye Protection: Eye contact during normal use is not expected. Safety glasses should be worn if any potential for generation of eye contaminants exists.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| Appearance: | Translucent to milky fluid | Odor: | Mild odor |
| Boiling point: | >212 degrees Fahrenheit | Specific Gravity (Water=1): | 2 to 4 |
| Vapor Density (Water=1): | >1 | Melting Point: | Not applicable |
| Vapor Pressure: | Same as water | Solubility: | Dilutable |
| Flash point: | NA (aqueous fluid) | Upper Explosive Limit: | NA |
| Autoignition Temperature: | NA | Lower Explosive Limit: | NA |
| Autodecomposition Temperature: | NA | | |

## SECTION 10 – STABILITY AND REACTIVITY

This product is stable. Hazardous decomposition or polymerization will not occur in normal use. There are no known incompatibilities with this material. As with any chemical material, avoid prolonged use at extremely high temperatures (>212 degrees Fahrenheit).

## SECTION 11 – TOXICOLOGICAL INFORMATION

Swallowing: Not likely based on product usage. Accidental ingestion may result in stomach irritation.
Inhalation: Although very unlikely during normal use, improper use of product in poorly ventilated area may cause respiratory irritation and/or nausea.
Skin Contact: Prolonged contact is unlikely during normal use but may cause reddening of the skin.
Eye Contact: Not likely based on product usage. Accidental eye contact may cause irritation.

## SECTION 12 – ECOLOGICAL TESTING

Ecological Testing: Specific ecological testing related to ecotoxicity, persistence and degradability, bioaccumulative potential or mobility in soil have not been done on this product. For routine storage, handling and use, significant environmental impacts are not expected.

## SECTION 13– DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Consult local and/or state regulatory agencies for appropriate disposal method.

## SECTION 14 – TRANSPORT INFORMATION

U.S. Department of Transportation: Not regulated.

## SECTION 15 – REGULATORY INFORMATION

This material is subject to the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200).

## SECTION 16 – OTHER INFORMATION

Preparation Date: 3/1/17 Supersedes: 06/12/15 Preparer: James H. Withers, Ph.D., CIH, CSP

DISCLAIMER: The opinions expressed herein are those of qualified experts within Specification Chemicals, Inc. We believe the information contained herein is current as of the date of this SDS. Since the use of this information and these opinions and the conditions of use of this product are not within the control of Specification Chemicals, Inc., it is the user's obligation to determine the conditions of safe use of product.