

# MATERIAL SAFETY DATA SHEET



## Restore

### Low Gloss Floor Finish

Prepared 6/09

Armstrong World Industries, Inc.  
P. O. Box 3001  
Lancaster, PA 17604  
www.armstrong.com  
Technical Services:  
1-877-276-7876, Option 2,3,3

#### I. PRODUCT IDENTIFICATION

Name: Armstrong Restore, Low Gloss Floor Finish (S-328)

Description: Urethane Acrylic Finish

#### II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not Classified Hazard Class: N/A

ID #: N/A Packing Inst.: N/A DOT/IMO/IATA: N/A

EMERGENCY ONLY CONTACT: CHEM-TEL 800-255-3924

#### III. HMIS (0=minimal hazard; 4 = severe hazard)

Health = 1 Flammability = 0 Reactivity = 0

#### IV. PRODUCT CONTENT

This product contains N-methyl-2-Pyrrolidone which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos.

#### V. HAZARDOUS INGREDIENTS

(Chemical Identity; Common Name)	C.A.S. No.	%	OSHA PEL	ACGIH TLV
N-methyl-2-pyrrolidone	870-50-4	1-5	N/A 100 ppm* - recommended by supplier	N/A

#### VI. PHYSICAL DATA

APPEARANCE AND COLOR: White liquid. ODOR: Mild odor. BOILING RANGE (degrees F): N/A. VAPOR PRESSURE: N/A. VAPOR DENSITY: Heavier than air. SOLUBILITY IN WATER: Soluble. SPECIFIC GRAVITY: 1.02. PERCENT VOLATILE BY WEIGHT: N/A. EVAPORATION RATE: Slower than butyl acetate. pH: N/A.

#### VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >220 F. FLAMMABILITY RANGE: N/A. AUTOIGNITION TEMPERATURE: N/A. EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers in a fire may rupture due to pressure build-up; use water to cool containers to prevent this.

#### VIII. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Skin contact, eye contact, inhalation. EYE CONTACT: Will cause irritation to eyes. SKIN CONTACT: Will cause irritation to skin, prolonged or repeated contact can cause moderate irritation if not promptly washed from skin. INHALATION: Inhalation of vapor may cause headache, nausea, and dizziness. CARCINOGENICITY: NTP: No. IARC Monographs: No. OSHA Regulated: No. FIRST AID PROCEDURES: EYES: Upon eye contact, flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms persist. SKIN: Upon skin contact, wash with soap and water. Get medical attention if symptoms persist. INHALATION: Remove to fresh air. Get medical attention if symptoms persist. INGESTION: Do not induce vomiting, call a physician immediately.

#### IX. REACTIVITY DATA

STABILITY: Stable under normal storage conditions. INCOMPATIBILITY: None. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide. HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

#### X. SPILL OR LEAK PROCEDURES

SPILLS: Remove sources of ignition. Contain spill. Wear appropriate protective equipment during clean-up and ventilate

area. Absorb with an inert material, such as clay and remove to appropriate waste area. WASTE DISPOSAL METHOD: Do not reuse container. Dispose of container and any unused contents in accordance with Federal, State and Local Waste Disposal Regulations. Do not flush unused contents or residue down drains.

#### XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: Use with adequate ventilation. Use local exhaust to insure that vapor levels are below the lowest component TLV. RESPIRATORY PROTECTION: Not normally needed, if there is not adequate ventilation, use with a NIOSH approved vapor cartridge respirator. SKIN AND EYE PROTECTION: It is always a good safety practice to avoid contact with eyes and skin. If contact may occur, use chemical splash goggles and latex or rubber gloves.

#### XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store in excessive heat above 120F. Keep away from heat and flame. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN. OTHER PRECAUTIONS: None. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that:

- It will be necessary to establish and maintain adequate ventilation of the work area, without causing the entry of contaminants to other parts of the building; and
- Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A - not applicable or not available

N/K - none known or not known

