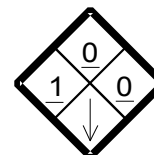


# Knauf Insulation GmbH

Health Hazard	①
Fire Hazard	①
Physical Hazard	①
Personal Protection	Ⓑ

HMIS RATING

## MATERIAL SAFETY DATA SHEET



NFPA RATING

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** EXPERT Vapor Barrier Coating

**MSDS Number:** 1022

**Trade Designations:** KI 900 – ASJ, KI 905 – ASJ+

**Manufacturer:** Knauf Insulation GmbH

**Date Issued:** April 16, 2013

**Address:** One Knauf Drive  
Shelbyville, IN 46176-1496

**Product Stewardship Support Line:** 317-398-4434 x 8512

**24 hr Emergency (Chemtrec) Phone:** 800-424-9300

**Transportation Information:** Shipping Class, Paint, Class 55 – Non hazardous (no special labels required).

#### Section I I- Hazardous Ingredients

Ingredient	Percent By Weight	Occupational Exposure Limits TLV	Vapor Pressure
Aqua Ammonia [1336-21-6]	0.06 – 0.09%	25ppm as ammonia	755mmHg 80°F
Chlorinated Paraffin [68410-99-1], [68527-02-6]	3 - 5%	Not established	Not available

#### Section III - Physical Data

Boiling Range: 212°F - 216°F      Vapor Density: Lighter than air      pH: 8.0 to 9.0

Evaporation Rate: Slower than ether      Volatile Volume: 50%      Wt/Gal: 10.5 lbs.

Specific Gravity: 1.26      Solubility in Water: Appreciable      Freezing Point: 32°F (0°C)

Viscosity: Approximately 160,000 -170,000 centipoises      VOC (lbs/gal): 0 gm/L; 0.0 lbs/gal (less water)

Decomposition Temperature: Approximately 240°F (115°C)

#### Section IV - Fire and Explosion Hazard Data

Flammability Classification: Flash Point: No flash to boiling 212°F (TCC); OSHA - IIIB; DOT - Not regulated  
LEL: Not available

Extinguishing Media: Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazards: None known

Special Firefighting Procedure: Product will not burn until water has boiled or evaporated. For dried film or residual solids, full protective equipment is recommended, including self-contained breathing apparatus.

#### Section V - Health Hazard Data

General Health Hazards:

Eye : May be an irritant  
Skin : Prolonged contact may cause irritation, dermatitis  
Ingestion : No information, assumed to cause gastrointestinal irritation. Low toxicity.  
Inhalation : May cause irritation to the respiratory tracts. Overexposure could cause headache, nausea, fatigue.

Medical Conditions Prone to Aggravation by Exposure: None known.

Primary Routes of Entry: Dermal or inhalation

Emergency and First Aid Procedure: *Skin:* wash with soap and water. *Eyes:* flush with clean water at least 15 minutes. If irritation persists, consult physician. *Inhalation:* remove to fresh air. If breathing is difficult, administer oxygen. If irritation persists, consult physician. *Ingestion:* give two glasses of water, induce vomiting, consult physician or poison control center. **Never give anything by mouth to an unconscious person.**

#### Section VI - Reactivity Data

Stability: Stable      Hazardous Polymerization: Will not occur      Conditions to avoid: None known

Hazardous Decomposition Products: Thermal decomposition will yield CO, CO<sub>2</sub>, HPO<sub>x</sub>, HCl, and fragmented short-chain hydrocarbons.

Incompatibility (Materials to Avoid): Materials incompatible with water and oxidizers.

#### Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Spills should be collect for disposal. Eliminate all ignition sources. Prevent material from entering drains, sewers, waterways. **Spills may be slippery.** Before drying, product may be washed away with water; after drying, remove with a paint scraper, or strong solvent.

Waste Disposal Method: In accordance with all applicable regulations. Review hazard section of this sheet before attempting cleanup. Empty containers are non hazardous under RCRA as industrial waste.

#### Section VIII - Safe Handling and Use Information

Respiratory Protection: In restricted ventilation areas, use approved chemical vapor respirator. In applications where mists or spray may be generated, avoid inhalation of airborne particulates by using an approved respirator with organic vapor cartridge with prefilter for mist or dust.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory. Supplementary local exhaust and respiratory protection may be needed in poorly ventilated spaces, or evaporation from large surfaces, or when spraying.

Other Protective Equipment: None      Protective Gloves: Impervious gloves

Eye Protection: Goggles, faceshield, or other eye wear to protect from splash.

Hygienic Practices: Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

#### Section IX - Special Precautions

Precautions to be Taken in Handling and Storing: Avoid breathing vapors and application to hot surfaces, as vapor may be irritating. Keep container closed. Use with adequate ventilation. Store indoors at temperatures of 40°F to 90°F. Do not store at elevated temperatures, as containers could pressurize and rupture. Protect from freezing.

Other Precautions: For Industry/professional use only. Not intended for retail sale or use by individual consumers. Do not reuse container for potables or edibles.

#### Section X - Sara Status

This mixture contains the following materials regulated under Section 313:

NONE

**Reason for Issue:** New Products

**Approval Date:** 4/16/13

**Prepared by:** Knauf Insulation

**Supersedes Date:** Original

We believe the information here is current as of the date of this MSDS. Please study it carefully and apply appropriate engineering controls and industrial hygiene practices. As the conditions of use of this product and information are not within our control, it is the user's obligation to determine the conditions of safe use.