

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Armstrong Flooring, Inc, 2500 Columbia Avenue, P. O. Box 3025, Lancaster, PA 17603 800 (233-3823)
 SUBSTANCE: CROSSLINKED POLYOLEFIN FOAM (All Grades except STR, BKR, and BKM)
 TRADE NAMES/SYNONYMS: S-1840 Quiet Comfort™ Luxury Flooring Underlayment
 CREATION DATE: May, 2015
 REVISION DATE: September, 2016
 EMERGENCY NUMBER: CHEM-TEL: 1-800-255-3924 or +01-813-248-0585 (call collect)

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

Component	Weight	CAS	Chemical Family
Polypropylene Resin		9010-79-1	Polyolefin
Polyethylene Resin		9002-88-4	Polyolefin
Blowing Agent		Proprietary	Carbonyl Amine of Azo Compound
Crosslinking Aid		Substituted	Aromatic Hydrocarbon
Stabilizers		Mixture	Complex Fatty Acid Ester
Pigment		Mixture	

SECTION 3 HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0 –4): HEALTH=1 FIRE=1 REACTIVITY=0
 EC CLASSIFICATION (CALCULATED): No classification assigned

EMERGENCY OVERVIEW:

PHYSICAL DESCRIPTION: Foam sheet with no odor
 MAJOR HEALTH HAZARDS: No significant target effects reported.
 POTENTIAL HEALTH EFFECTS:

INHALATION:	SHORT TERM EXPOSURE:	No information on significant side effects
	LONG TERM EXPOSURE:	No information on significant side effects
SKIN CONTACT:	SHORT TERM EXPOSURE:	No information on significant side effects
	LONG TERM EXPOSURE:	No information on significant side effects
EYE CONTACT:	SHORT TERM EXPOSURE:	No information on significant side effects
	LONG TERM EXPOSURE:	No information on significant side effects
INGESTION:	SHORT TERM EXPOSURE:	No information on significant side effects
	LONG TERM EXPOSURE:	No information on significant side effects

CARCINOGEN STATUS:

OSHA: N NTP: N IARC: N

SECTION 4 FIRST AID MEASURES

INHALATION:	It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.
SKIN CONTACT:	It is unlikely that emergency treatment will be required. If adverse effect occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed
EYE CONTACT:	It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately
INGESTION:	It is unlikely that emergency treatment will be required. Get medical attention, if needed.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.
 EXTINGUISHING MEDIA: Carbon monoxide, regular dry chemical, regular foam, water

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Wear self contained breathing apparatus when combustion vapors cannot be avoided. FLASH POINT: ~1058 F (570 C)

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE: Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers.

SECTION 7 HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible from incompatible substances. Use methods to minimize dust.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION EXPOSURE LIMITS

S-1840 Quiet Comfort™ Luxury Flooring Underlayment: No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING: Protective clothing IS not required under normal conditions.

GLOVES: Protective gloves are not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION: Foam sheet with no odor

MOLECULAR FORMULA: (C₃H₆)_m(C₂H₄)_n

BOILING POINT: Not applicable

MELTING POINT: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SPECIFIC GRAVITY: (water=1) : 0.03-0.2 approximate

WATER SOLUBILITY: Not available pH: Not applicable V

OLATILITY: Not applicable

ODOR THRESHOLD: Not available

EVAPORATION RATE: Not applicable

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

SECTION 10 STABILITY AND REACTIVITY

Stable at normal temperatures and pressures

CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

INCOMPATIBLES: None known.

HAZARDOUS DECOMPOSITION: Thermal decomposition products: oxides of carbon.

SECTION 11 TOXICOLOGICAL INFORMATION

PROPYLENE: >110 gm/kg intraperitoneal rat LD50; >99 gm/kg intravenous-rat LD50

TOXICITY DATA: CARCINOGEN STATUS: IARC: Human Inadequate Evidence, Animal Inadequate Evidence, Group 3. ACUTE TOXICITY LEVEL: Insufficient data.

HEALTH EFFECTS:

INHALATION: ACUTE EXPOSURE: POLYOLEFIN: No data available.

CHRONIC EXPOSURE: POLYOLEFIN: No data available.

SKIN CONTACT: ACUTE EXPOSURE: POLYOLEFIN: Micro foam sheeting produced no evidence of skin irritation or sensitization when tested on humans.

CHRONIC EXPOSURE: POLYOLEFIN: No data available.

EYE CONTACT: ACUTE EXPOSURE: POLYOLEFIN: No data available.

CHRONIC EXPOSURE: POLYOLEFIN: No data available.

INGESTION: ACUTE EXPOSURE: POLYOLEFIN: The LD50 in mice was 3200 mg/kg. in another study, mice given 8 gm/kg revealed no noticeable toxic effects.
CHRONIC EXPOSURE: POLYOLEFIN: No data available.

SECTION 12 ECOLOGICAL INFORMATION

Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION

No classification assigned.

SECTION 15 REGULATORY INFORMATION

US REGULATIONS:

TSCA INVENTORY STATUS:	Y
TSCA 12(b) EXPORT NOTIFICATION:	Not listed.
CERCLA SECTION 103 (40CFR302.4):	N
SARA SECTION 302 (40CFR355.30):	N
SARA SECTION 304 (40CFR355.40):	N
SARA SECTION 313 (40CFR372.65):	N
SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21):	
ACUTE:	N
CHRONIC:	N
FIRE:	N
REACTIVE:	N
SUDDEN RELEASE:	N
OSHA PROCESS SAFETY (29CFR1910.119):	N
STATE REGULATIONS:	N
CALIFORNIA PROPOSITION 65:	N
EUROPEAN REGULATIONS: EC NUMBER:	Not assigned.

SECTION 16 OTHER INFORMATION

WE ACCEPT NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION OR THE SAFETY OR SUITABILITY OF OUR PRODUCTS. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY AND SUITABILITY OF EACH SUCH PRODUCT OR PRODUCT COMBINATION FOR THEIR OWN PURPOSES.

MSDS SUMMARY OF CHANGES: SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION SECTION 5 FIRE FIGHTING MEASURES