



Armstrong World Industries Canada Ltd.
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Montreal, Quebec
H3W 3E5

MATERIAL SAFETY DATA SHEET

Use in case of emergency only:

CHEM-TEL – 1-800-255-3924 or 1-813-248-0585 (call collect)

SECTION I - MATERIAL IDENTIFICATION AND USE

Armstrong Resilient Sheet Flooring
Products and Armstrong Resilient Tile
Flooring Products

HMS Hazard Index

4 Severe Hazard
3 Serious Hazard
2 Moderate Hazard
1 Slight Hazard
0 Minimal Hazard

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

WHMIS Classification: Not regulated

CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Not Applicable	CHEMICAL FORMULA Not Applicable
TRADE NAME AND SYNONYMS None	MOLECULAR WEIGHT Not Applicable	MATERIAL USE Vinyl Flooring

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	%	C.A.S. NUMBERS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES & ROUTE)
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None	N/Ap	Not Applicable	Not Applicable	Not Applicable
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N/Ap = Not applicable

This product does not contain asbestos. It does not release any hazardous chemical under normal conditions of use.

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE		ODOUR AND APPEARANCE	
Material dependent		Not available	
ODOUR THRESHOLD (PPM) Not available	SPECIFIC GRAVITY Not available	VAPOR PRESSURE Not available	VAPOR DENSITY (Air = 1) Not available
EVAPORATION RATE Not available	BOILING POINT Not available	FREEZING POINT Not available	SOLUBILITY IN WATER Not available
% VOLATILE (BY WEIGHT) Not available	pH Not available		COEFFICIENT OF WATER Not available

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL**FLAMMABILITY**

Product is not flammable (does not burn).

MEANS OF EXTINCTION

Use water.

SPECIAL PROCEDURES

Closed containers in a fire may rupture due to pressure build-up; use water to cool containers to prevent this from happening. For general fire fighting, protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus.

FLASHPOINT AND METHOD

Not available

UPPER EXPLOSION LIMIT (% BY VOLUME)

Not Available

LOWER EXPLOSION LIMIT (% BY VOLUME)

Not Available

AUTOIGNITION TEMPERATURE

Not Available

HAZARDOUS COMBUSTION PRODUCTS

See "Hazardous decomposition products"

SENSITIVITY TO MECHANICAL IMPACT

Not normally sensitive

SENSITIVITY TO STATIC DISCHARGE

Not normally sensitive

SECTION V - REACTIVITY DATA**CHEMICAL STABILITY**

Stable

INCOMPATIBILITY TO OTHER SUBSTANCES

Not applicable

REACTIVITY AND UNDER WHAT CONDITIONS

Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable

SECTION VI - TOXICOLOGICAL PROPERTIES OF MATERIAL**ROUTE OF ENTRY**

Skin and Eyes

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

Inhalation: None

Skin and eyes: Contact with skin and eyes may produce slight transient irritation.

Ingestion: None

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL

Prolonged or repeated skin contact may produce slight transient irritation. Refer to 'Carcinogenicity, Reproductive toxicity' section for further information. No medical conditions generally aggravated by exposure.

MATERIAL NAME/IDENTIFIER		Armstrong Resilient Sheet and Resilient Tile Flooring Products	
LD50 OF MATERIAL (SPECIES & ROUTE) Not applicable		LC50 OF MATERIAL (SPECIES & ROUTE) Not applicable	
EXPOSURE (LIMITS) Not applicable		IRRITANCY OF MATERIAL Slight transient degree of irritation	
SENSITIZATION OF MATERIAL Not applicable		SYNERGISTIC MATERIALS Not applicable	
CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY			
Carcinogenicity: Not applicable			
Reproductive toxicity, teratogenicity, mutagenicity: Not applicable			
SECTION VII - PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT			
Respiratory Protection: Should not be required.			
Skin and Eye Protection: It is always a good safety practice to avoid contact with skin to use latex or rubber gloves, and appropriate protective clothing. Wear spectacle-type safety glasses with side shields to reduce potential eye contact.			
ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS)			
Normal ambient ventilation should be sufficient.			
WORK SITE ENVIRONMENT:			
Not applicable			
LEAK AND SPILL PROCEDURE			
Not applicable			
WASTE DISPOSAL			
Use only approved disposal methods in accordance with all federal, provincial, and local waste disposal regulations. Do not reuse container. Do not flush unused contents or residue down drains. Consult with local municipal officials, or provincial Ministry of the Environment office nearest to your location, for approved disposal methods.			
HANDLING PROCEDURES AND EQUIPMENT			
Not applicable			
STORAGE REQUIREMENTS			
Not applicable			
SPECIAL SHIPPING INFORMATION			
Transportation of Dangerous Goods (TDG) Act classification: Not regulated as dangerous goods.			

SECTION VIII - FIRST AID MEASURES

Inhalation: None

Skin and Eyes: Flush eyes with plenty of water. For skin contact, wash with plenty of soap and water. Refer to physician if irritation develops or symptoms persist.

Ingestion: None

ADDITIONAL INFORMATION

The information presented herein is supplied as a guide to those who handle or use this product and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all - inclusive. The manner and conditions of use and handling may involve other and additional considerations. 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.

No warranty of any kind is given or implied. Armstrong World Industries Canada Ltd., will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein. This Material Safety Data Sheet is valid for three (3) years.

SECTION IX - PREPARATION DATE OF M.S.D.S.

PREPARED BY:	TELEPHONE NUMBER	DATE
Environment, Health and Safety	1-877-276-7876, Opt 2,3,3	June 1, 2009

ADDITIONAL NOTES OR REFERENCES:

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists
ASTM = American Society for Testing and Materials
CNS = Central Nervous System
CPR = Controlled Product Regulations, Hazardous Product Act
IARC = International Agency for Research on Cancer
MSHA = Mine Safety and Health Administration
NIOSH = National Institute of Safety and Health
TLV = Threshold Limit Values
TWA = Time Weighted Average

References:

1. Material Safety Data Sheets from raw materials' suppliers
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2002
3. The Sigma-Aldrich Library of Chemical Safety Data, Edition II, 1988.
4. N. Irving Sax, Dangerous Properties of Industrial Materials, 7th edition, Van Nostrand Reinhold, 1984