



# Material Safety Data Sheet

Supplier : TARKETT INC. Product : 121-2 SpraySmart  
Street : 1001 Yamaska St. East Flooring Adhesive  
City: Farnham  
Province / State : Quebec  
Postal Code: J2N 1J7

## Section 1 – Product Identification

**Product identifier / Trade name / Material name :** 121-2 SpraySmart Flooring Adhesive  
**Product code / Internal ID :** 121-2  
**Product use or description :** Aerosol Water Based Adhesive  
**MSDS date :** June 25, 2007

## Hazardous Materials Identification System (HMIS):

<b>Health Hazard:</b>	1	Chronic hazard :	No
<b>Flammability :</b>	0	Chronic hazard :	No
<b>Reactivity :</b>	1	Chronic hazard :	No
<b>Personal Protection:</b>	0	Chronic hazard :	No

**For 24 HOUR MEDICAL and DOT EMERGENCY RESPONSE COMMUNICATIONS and INFORMATION, PLEASE CALL:**  
**CANUTEC in Canada at (613) 996-6666 or**  
**PROSAR in U.S.A. at 1-800-278-5619.**

For technical information, please call the Installation Services Department from Canada and/or from USA at:  
1-800-366-2689 option 1 or Fax : (713) 869-5271  
Monday through Friday, except holidays.

## Section 2 – Chemical Composition / Hazardous Ingredients

Ingredients	CAS #	% by Weight	OSHA PEL	ACGIH TLV
Acrylic Copolymer	N/A	>=40% <=60%	N/Av	N/Ap
1,1,1,2 Tetrafluoroethane	811-97-2	>=5% <=25%	N/Av	N/Ap

N/Ap: not applicable  
N/Av: not available  
See at the end for abbreviations



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## Section 3 – Hazards Identification

### Route of entry :

**Eye contact :** "Frostbite-Like" feel may occur if the liquid or escaping vapor contact the eyes.

**Skin contact :** Immediate effects of overexposure to propellant may include: Frostbite, if liquid or escaping vapour contacts skin.

**Skin absorption :** N/Ap

**Inhalation :** Gross overexposure of concentrated propellant may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness, irregular heart beat, fainting, weakness, sometimes progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors.

**Ingestion :** N/Ap

**Effects of acute exposure to product :** N/Ap

**Effects of chronic exposure to product :** Gross overexposure of concentrated propellant may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness, irregular heart beat, fainting, weakness, sometimes progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors.

**Other important hazards :** N/Ap

## Section 4 – First Aid Measures

**Eye contact :** Wash with water for 15 minutes and call physician.

**Skin contact :** In case of contact, immediately wash with soap & water.

**Skin absorption :** N/Ap

**Inhalation :** If high concentrations of propellant are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificail respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion :** N/Ap



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### Section 5 – Fire Fighting Measures

<b>Fire hazards / conditions of flammability :</b>	Cylinder may vent under fire conditions. Self-contained breathing apparatus (SCBA) may be required if cylinders rupture or release under fire conditions.
<b>Means of extinction :</b>	N/Ap
<b>Flash point and method of determination :</b>	Will not burn.
<b>Lower flammable limit (% by volume) :</b>	N/Ap
<b>Upper flammable limit (% by volume) :</b>	N/Ap
<b>Explosion data :</b>	
<b>Sensitivity to mechanical impact :</b>	N/Ap
<b>Sensitivity to electrostatic discharge :</b>	N/Ap
<b>Oxidizing properties :</b>	N/Ap
<b>Auto-ignition temperature :</b>	N/Ap
<b>Special fire-fighting procedures / equipment :</b>	N/Ap
<b>Hazardous combustion products :</b>	N/Ap

### Section 6 – Accidental Release Measures

<b>Personal precautions :</b>	Ventilate area, especially low or enclosed places where heavy vapors might collect.
<b>Environmental precautions :</b>	N/Ap
<b>Spill response / Cleanup :</b>	Clean Adhesive up with soap & water. Dispose per local, state & federal regulations.
<b>Prohibited materials :</b>	N/Ap

### Section 7 – Handling and Storage

<b>Safe handling procedures :</b>	N/Ap
<b>Storage requirements :</b>	Store in a clean, dry place. Do not heat above 126° F.
<b>Incompatible materials :</b>	N/Ap
<b>Special packaging materials :</b>	N/Ap

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### Section 8 – Exposure Controls and Personal Protection

Ventilation and engineering controls :	N/Ap
Respiratory protection :	N/Ap
Protective gloves :	N/Ap
Eye protection :	Yes
Other protective equipment :	N/Ap
Permissible exposure levels :	N/Ap

### Section 9 – Reactivity and Stability Data

Stability and reactivity (polymerization) :	Stable. Will not occur.
Conditions to avoid :	Open flames & high temperatures
Materials to avoid :	Incompatible with alkali or alkaline earth metals.
Hazardous decomposition products :	Decomposition ingredients are hazardous. This product can be decomposed by high temperatures (above 126° F) forming hydrofluoric acid & possibly carbonyl fluoride.



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### Section 10 – Physical and Chemical Properties

<b>Physical form, color and odour :</b>	White to clear, mild and sweet.
<b>Odour threshold :</b>	N/Av
<b>pH :</b>	6-8
<b>Boiling Point :</b>	-15.7 F°.
<b>Melting Point :</b>	N/Av
<b>Freezing Point :</b>	Below 32° F
<b>Solubility in water :</b>	70 WT% @ 77° F.
<b>Coefficient of oil / water distribution :</b>	N/Av
<b>Specific gravity or relative density (water = 1) :</b>	1.079
<b>Vapour pressure :</b>	99 psia @ 77° F.
<b>Vapour density (air = 1) :</b>	Heavier than air.
<b>Volatile organic compounds (VOC's g/L) :</b>	N/Ap
<b>VOC less water less exempt solvent (g/L) :</b>	N/Ap
<b>Evaporation rate :</b>	Faster than water
<b>Percentage volatile by volume :</b>	50%



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### Section 11 – Toxicological Information

<b>LD<sub>50</sub> (species and route) :</b>	N/Ap
<b>LC<sub>50</sub> (species and route) :</b>	N/Ap
<b>Toxicological data :</b>	N/Ap
<b>Carcinogenicity :</b>	N/Ap
<b>Reproductive toxicity :</b>	N/Ap
<b>Teratogenicity :</b>	N/Ap
<b>Mutagenicity :</b>	N/Ap
<b>Irritancy of product :</b>	N/Ap
<b>Sensitization to product :</b>	N/Ap
<b>Conditions aggravated by exposure :</b>	N/Ap
<b>Name of toxicologically synergistic products :</b>	N/Ap

### Section 12 – Ecological Information

<b>Environmental effects :</b>	N/Ap
<b>Important environmental characteristics :</b>	N/Ap
<b>Aquatic toxicity :</b>	N/Ap

### Section 13 – Waste Disposal

<b>Handling for disposal :</b>	See instructions on label.
<b>Methods of disposal :</b>	Dispose per local, state & federal regulations.



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### Section 14 – Transportation Information

#### Transportation of Dangerous Goods (TDG) information :

Shipping name : Consumer Commodity ORM-D

Class : 9

UN number : N/Ap

Packing group : 910

#### 49 CFR information :

Shipping name : Consumer Commodity ORM-D

Class : 9

UN number : N/Ap

Packing group : 910

#### International Dangerous Goods information :

IMO : Consumer Commodity ORM-D

ICAO : N/Av

Other information : For air transportation Consumer Commodity  
ID:8000, Class 9, Packaging group: 910

### Section 15 – Regulatory Information

WHMIS information : N/Av

CEPA information : N/Av

TSCA information : N/Av

N/Ap: not applicable

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## Section 16 – Others Information

Certificate of origin :	Made in USA
Prepared by :	R & D Department
Telephone number :	(450) 293-3173
Preparation date :	June 25, 2007.

## Abbreviations

**ACGIH** American Conference of Governmental Industrial Hygienists  
**ASTM** American Society for Testing and Materials  
**CEPA** Canadian Environmental Protection Act  
**CFR** Code of Federal Regulations (Transportation in U.S.A.)  
**IARC** International Agency for Research on Cancer  
**ICAO** International Civil Aviation Organization  
**IMO** International Maritime Organization  
**MSHA** Mine Safety and Health Administration  
**NBUAC** Normal Butyl Acetate  
**NIOSH** National Institute for Occupational Safety and Health  
**NTP** National Toxicology Program (U.S.A.)  
**OSHA** Occupational Safety and Health Administration (U.S.A.)  
**PEL** Permissible Exposure Limit  
**TLV** Threshold Limit Value  
**TSCA** Toxic Substances Control Act  
**TWA** Time Weighted Average  
**WHMIS** Workplace Hazardous Materials Information System  
**STEL** Short-Term Exposure Limit

## References

1. Suppliers' raw materials MSDS
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1998
3. The Sigma-Aldrich Library of Chemical Safety Data, Second Edition, 1988
4. N. Irving Sax, Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold, 1984
5. Health Canada, Reference Manual for the WHMIS Requirements of the Hazardous Products Act and Controlled Products Regulations, updated March 22, 2001.

Information on this form is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.