

Material Safety Data Sheet

Printing date 04/17/2014

Version Number 1.0

Reviewed on 04/17/2014

1 Identification of the substance/mixture and of the company/undertaking**Product identifier****Trade name:** *Vycor Pro (Flashing Tape)***MSDS ID Number:** M-85948**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

W.R. Grace & Co. -Conn.
62 Whittemore Avenue
Cambridge, MA 02140 USA

Other Country Contact Information:

For products distributed beyond the country Manufacturer/Supplier identified above
Consult Section 16 for additional emergency contact information.

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)**2 Composition/information on ingredients****Chemical characterization: Mixtures****Hazardous components:** Not applicable.**3 Hazards identification****Classification of the substance or mixture**

This product is sold as a pre-formed film with an adhesive layer. Safety Data Sheets are generally not required for finished articles of this type. Nevertheless, substance information related to the adhesive layer and additional handling recommendations are provided to assist with safe use.

Hazard description: Harmful**Inhalation:**

Due to the physical nature of this product, inhalation is unlikely.

Eye Contact: May be slightly irritating to the eyes.**Skin Contact:** May be irritating to the skin on prolonged contact.**Skin Absorption:** Not expected to be harmful if absorbed through the skin.

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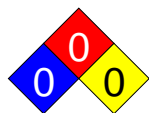
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NFPA ratings (scale 0 - 4)

Health = 0
 Fire = 0
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0
 Flammability = 0
 Reactivity = 0

Other hazards Contact with residue from adhesive may cause eye and skin irritation.

4 First aid measures**General information:**

No special measures required.

After inhalation:

Adverse effects are not likely. If symptoms develop, get fresh air. If symptoms persist, consult a physician. If breathing has stopped, give artificial respiration then oxygen if needed.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water.

If residue remains, clean with waterless handcream or abrasive soap.

Never use solvents.

After eye contact:

If contact with residue causes eye irritation, flush eyes with water for at least 15 minutes while holding eyelids open.

After swallowing: Due to physical nature of this product, ingestion is not likely.

5 Firefighting measures**Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

Additional information Not applicable.

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6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Not applicable.

Methods and material for containment and cleaning up:

Collect scraps then place in a suitable container.

Sweep up refuse and put into receptacles.

Pick up release liners to avoid slipping hazard.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Handling:****Precautions for safe handling**

Film may be slippery when wet or covered with frost.

Avoid eye and skin contact with residue from adhesive.

Release liners are slippery. Remove from work area immediately after membrane application.

To avoid skin contact, use gloves. Clean hands after contact with adhesive residue.

Release liners may cause slip and trip hazards.

Information about protection against explosions and fires:

Removal of release liner may generate a static electrical discharge (spark).

Storage:

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions:

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Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

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Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:

General protective and hygienic measures: Avoid contact with the eyes and skin.

Breathing equipment:

Respiratory protection is not normally required. If respiratory irritation occurs use an approved dust/mist (NIOSH N95) respirator.

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection: Not required for normal use.

Body protection: Protective work clothing

9 Physical and chemical properties**General Information****Appearance:**

Form:	Solid
Color:	According to product specification
Odor:	Characteristic
Odour threshold:	Not determined.

pH-value (~): Not applicable.

Change in condition

Melting point/Melting range: Undetermined.

Flash point: Not applicable.

Flammability (solid, gaseous): Not determined.

Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
VOC Content (max):	Not determined.

Vapor pressure: Not applicable.

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Density: (~)	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

Solubility in / Miscibility with Water:	Insoluble.
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Partition coefficient (n-octanol/water):	Not determined.
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Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.

Other information	No further relevant information available.
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10 Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: May be irritating to the skin on prolonged contact

on the eye: May be irritating to the eyes.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

IARC (International Agency for Research on Cancer) Human Carcinogenicity: Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable
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None of the ingredients is listed.

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NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

12 Ecological information**Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Additional ecological information:****General notes:** Slightly hazardous for water**13 Disposal considerations****Waste treatment methods** Comply with Federal, State and local regulations.**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number**

DOT, ADR, IMDG, IATA

Not applicable.

UN proper shipping name

DOT, ADR, IMDG, IATA

Not applicable.

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA

Class

Not applicable.

Packing group

DOT, ADR, IMDG, IATA

Not applicable.

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Environmental hazards:

Marine pollutant: No

Special precautions for user Not applicable.

Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code Not applicable.**Transport/Additional information:****DOT**

Remarks: Not Regulated.

15 Regulatory information**SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories:

Health Immediate (acute)	No
Health Delayed (chronic)	No
Flammable	No
Reactive	No
Pressure	No

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

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Carcinogenicity Categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

OSHA-Cancer (Occupational Safety & Health Administration)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards for Architectural Coatings:

If no g/L value is provided this product is not subject to above standard.

European EINECS

Not Determined.

Philippines Inventory of Chemicals and Chemical Substances PICCS

Not determined.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

Not determined.

Australian Inventory of Chemical Substances AICS

Not determined.

Japan Existing and New Chemical Substance List ENCS

Not determined.

Korean Existing Chemical Inventory

Not determined.

Non-hazardous Ingredients

Proprietary Non-Asphalt Butyl Rubber

Proprietary Polyolefin Film

16 Other information

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

The first date of preparation 04/17/2014

Number of revision times and the latest revision date 1.0 01/03/2014

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