

## Material Safety Data Sheet

Printing date 06/29/2012

Version Number 1.2

Reviewed on 06/29/2012

\* **1 Identification of the substance/mixture and of the company/undertaking****Product identifier**Trade name: Grace SYN 15

MSDS ID Number: M-85902

**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**

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Hazardous components:** Not applicable.

\* **3 Hazards identification**

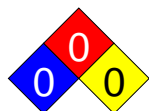
**Inhalation:** Due to the physical nature of this product, inhalation is unlikely.

**Eye Contact:** Due to the physical nature of this product (sheet), eye contact is not possible.

**Skin Contact:** No hazardous effects from skin contact.

**Skin Absorption:** Cannot be absorbed through skin.

**NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

**HMIS-ratings (scale 0 - 4)**



Health = 0  
Flammability = 0  
Reactivity = 0

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**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:** Due to the physical nature of this product adverse effects are not likely.

**After skin contact:** Due to the physical nature of this product adverse effects are not likely.

**After eye contact:** Due to the physical nature of this product adverse effects are not likely.

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

## 5 Firefighting measures

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

**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

### Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

### 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

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.

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Release liners may cause slip and trip hazards.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

**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:** Store in original containers.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**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.

**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:** In case of brief exposure or low pollution use respiratory filter device.

**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:**

Safety glasses

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



A face shield should also be worn if there is potential exposure to splash or spray.

**Body protection:** Protective work clothing

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**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.

**Density:**

Not determined.

**Vapour density**

Not applicable.

**Evaporation rate**

Not applicable.

**Solubility in / Miscibility with****Water:**

Insoluble.

**Segregation coefficient (n-octanol/water):** Not determined.**Viscosity:****Dynamic:**

Not applicable.

**Kinematic:**

Not applicable.

**Other information**

No further relevant information available.

**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

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**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:

**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.

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**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.

**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.

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**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.

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

None of the ingredients is listed.

**IARC (International Agency for Research on Cancer) Human Carcinogenicity:  
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

None of the ingredients is listed.

**NTP (National Toxicology Program)****K-Known to be carcinogenic, R-May reasonably be anticipated to be carcinogenic**

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**

None of the ingredients is listed.

**Philippines Inventory of Chemicals and Chemical Substances PICCS**

Not determined.

**Inventory of Existing Chemical Substances manufactured or imported in China IECSC**

Inventory listing could not be confirmed for one or more substances.

**Australian Inventory of Chemical Substances AICS**

Raw Material not on this Inventory.

**Japan Existing and New Chemical Substance List ENCS**

None of the ingredients is listed.

**Korean Existing Chemical Inventory**

Inventory listing could not be confirmed for one or more substances.

**Non-hazardous Ingredients**

Polyolefin Coated Sheet

50-100%

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***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."

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