

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>1 / 13</b>

**1. Identification****1.1. Product identifier**

Trade name Dynasylan® 1175

**1.2. Recommended use of the chemical and restrictions on use**

Relevant applications identified

**1.3. Details of the supplier of the safety data sheet**

Company Evonik Corporation USA  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
USA

Telephone 973-929-8000

Telefax 973-929-8040

Email address Product-Regulatory-Services@Evonik.com

**1.4. 24 HOUR EMERGENCY TELEPHONE NUMBERS:**

**CHEMTREC - US & CANADA:** 800-424-9300

**CHEMTREC MEXICO:** 01-800-681-9531

**CHEMTREC INTERNATIONAL:** +1 703-527-3887 (collect calls accepted)

Product Regulatory Services : 973-929-8060

**2. Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation 29CFR 1910.1200

Flammable liquids	Category 2	H225
Acute toxicity (Oral)	Category 3	H301
Acute toxicity (Inhalation)	Category 3	H331
Acute toxicity (Dermal)	Category 3	H311
Specific target organ toxicity - single exposure	Category 1	H370

**2.2. Label elements**

Statutory basis Classification according to Regulation 29CFR 1910.1200

**hazard-defining component(s) (GHS)**

- Methanol

Symbol(s)



**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>2 / 13</b>

Signal word	Danger
Hazard statement	H225 - Highly flammable liquid and vapour. H301 + H311 + H331 - Toxic if swallowed, in contact with skin or if inhaled H370 - Causes damage to organs.
Precautionary statement Prevention	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 - Wash skin thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/ eye protection/ face protection.
Precautionary statement Reaction	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P307 + P311 - IF exposed or concerned: Call a POISON CENTER/doctor. P311 - Call a POISON CENTER or doctor/ physician. P330 - Rinse mouth. P363 - Wash contaminated clothing before reuse. P370 + P378 - In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
Precautionary statement Storage	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. P235 - Keep cool. P405 - Store locked up.
Precautionary statement Disposal	P501 - Dispose of contents/ container to an approved waste disposal plant.

**2.3. Other hazards**

None known

**3. Composition/information on ingredients****Chemical nature**Preparation on the base:  
organofunctional polysiloxane**• Methanol > 20%**

CAS-No. 67-56-1

Flammable liquids	Category 2
Acute toxicity (Oral)	Category 3
Acute toxicity (Inhalation)	Category 3
Acute toxicity (Dermal)	Category 3
Specific target organ toxicity - single exposure	Category 1

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>3 / 13</b>

**Other information**

This material is classified as hazardous under OSHA regulations.

Polymers are exempt from REACH registration.

The monomers of this polymer are registered pursuant to EC Regulation No. 1907/2006 (REACH).

---

**4. First aid measures****4.1. Description of first aid measures****General advice**

Observe self-protection

Remove contaminated or saturated clothing immediately and dispose of safely.

**Inhalation**

If aerosol or mists are formed:

Move victims into fresh air.

Do not leave victims unattended.

Keep patient warm and at rest.

Call a physician immediately.

**Skin contact**

Wash off immediately with plenty of water.

In case of complaints: Consult doctor immediately.

**Eye contact**

Rinse thoroughly with plenty of water keeping eyelid open.

In case of persistent discomfort: Consult an ophthalmologist.

**Ingestion**

Call a physician immediately.

Only when patient fully conscious:

Have the mouth rinsed with water.

Do not leave victims unattended.

Keep warm and in a quiet place.

Place person on side in stable position if unconscious.

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms**

After absorbing large amounts of substance:

Liberation of reaction products (Methanol) can lead to symptoms of poisoning.

Possible signs of poisoning:

daze, dizziness, nausea, colicky abdominal pain, respiratory disturbance.

Symptoms upon increasing intoxication: dysopia, loss of eyesight.

**4.3. Indication of any immediate medical attention and special treatment needed**

---

**5. Fire-fighting measures****5.1. Extinguishing media**

Suitable extinguishing media: water spray, foam, Carbon dioxide (CO<sub>2</sub>), dry powder

Unsuitable extinguishing media: High volume water jet

**5.2. Special hazards arising from the substance or mixture**

Hazardous fumes in fires, specific to the product:

nitrogen oxides (NO<sub>x</sub>)

hydrogen chloride

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>4 / 13</b>

In case of fire cool endangered containers with water. Flammable liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.

**5.3. Advice for firefighters**

Water used to extinguish fire should not enter drainage systems, soil or stretches of water.

Ensure there are sufficient retaining facilities for water used to extinguish fire.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

---

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment. Keep away from heat and sources of ignition.

**6.2. Environmental precautions**

Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

**6.3. Methods and material for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Additional advice**

Remove sources of ignition and ventilate area.

Run off may create fire or explosion hazard in sewer.

Assure sufficient ventilation.

---

**7. Handling and storage****7.1. Precautions for safe handling**

Keep away from heat. Keep away from sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Ground and bond containers when transferring material. Use explosion-proof equipment. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities****Advice on protection against fire and explosion**

Take precautionary measures against static charges, keep away from sources of ignition.

Explosion protection equipment is required.

**Storage**

Keep containers tightly closed in a cool, well-ventilated place. Protect from moisture.

Residual vapors might explode on ignition; do not apply heat, cut, drill, grind or weld on or near this container.

Comply with storage regulations and regulations prohibiting storage of hazardous substances in non-stationary containers in the same room (TRGS 510).

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>5 / 13</b>

**8. Exposure controls/personal protection****8.1. Control parameters**

• Methanol		
CAS-No.	67-56-1	
Control parameters	200 ppm	Time Weighted Average (TWA):(ACGIH)
Control parameters	250 ppm	Short Term Exposure Limit (STEL):(ACGIH)
Control parameters		Skin designation:(ACGIH)
	Can be absorbed through the skin.	
Control parameters	200 ppm 260 mg/m <sup>3</sup>	Permissible exposure limit:(OSHA Z1)
Control parameters	200 ppm 260 mg/m <sup>3</sup>	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):(US CA OEL)
Control parameters	1000 ppm	Ceiling Limit Value:(US CA OEL)
Control parameters	250 ppm 325 mg/m <sup>3</sup>	Short Term Exposure Limit (STEL):(US CA OEL)
Control parameters		Skin designation:(US CA OEL)
	Can be absorbed through the skin.	
Control parameters	200 ppm 260 mg/m <sup>3</sup>	Time Weighted Average (TWA):(TN OEL)
Control parameters	250 ppm 325 mg/m <sup>3</sup>	Short Term Exposure Limit (STEL):(TN OEL)
Control parameters		Skin designation:(TN OEL)
	Can be absorbed through the skin.	

**8.2. Exposure controls****Engineering measures**

Provide good ventilation or extraction.

**Personal protective equipment****Respiratory protection**

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Hand protection**

Glove material	for example, butyl-rubber
Material thickness	0.5 mm
Break through time	>= 480 min
Glove material	for example, Fluorinated rubber (Viton)
Material thickness	0.4 mm
Break through time	>= 480 min

The above mentioned hand protection is based on knowledge of the chemistry and anticipated uses of this product but it may not be appropriate for all workplaces. A hazard assessment should be conducted prior to use to ensure suitability of gloves for specific work environments and processes prior to use.

Selection of protective gloves to meet the requirements of specific workplaces.

Suitability for specific workplaces should be clarified with protective glove manufacturers.

Personal protective equipment that provides a barrier to prevent dermal exposure to this substance is required.

Use impermeable gloves.

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>6 / 13</b>

**Eye protection**

Use chemical splash goggles or face shield.

**Skin and body protection**

A safety shower and eye wash fountain should be readily available.

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

**Hygiene measures**

Avoid contact with skin, eyes and clothing. Do not inhale vapors or aerosols. Do not eat, drink, or smoke when using the product. Remove contaminated or saturated clothing.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

physical state	liquid
Colour	brown
Form	liquid
Odour	specific
Odour Threshold	no data available
pH	6.0 - 7.0 (10 g/l) (20 °C)
Melting point/range	no data available
Boiling point/range	not determined
Flash point	ca. 9 °C Method: DIN EN ISO 13736
Evaporation rate	not determined
Flammability (solid, gas)	no data available
Lower explosion limit	5.5 %(V)  tested substance: methanol
Upper explosion limit	44 %(V) tested substance: methanol
Vapour pressure	130 hPa (20 °C) Method: ASTM D 2879-86
Vapour density	no data available
Density	0.94 g/cm <sup>3</sup> (20 °C) Method: DIN 51757
Water solubility	miscible
Partition coefficient: n-	log Pow: -0.77

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>7 / 13</b>

octanol/water	tested substance: methanol (measured)
Autoignition temperature	not determined
Thermal decomposition	not determined
Viscosity, dynamic	15 mPa.s (20 °C) Method: DIN 53 015

**9.2. Other information**

no data available

---

**10. Stability and reactivity****10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions      Reacts violently with: strong oxidants.

**10.4. Conditions to avoid**

Keep away from heat and sources of ignition.

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

None known

---

**11. Toxicological information****11.1. Information on toxicological effects**

Acute oral toxicity	Test substance:    methanol Toxic Possible risks of irreversible effects. The data are derived from the labeling according to the EC Dangerous Preparations Directive.
Acute inhalation toxicity	Toxic Possible risks of irreversible effects. The data are derived from the labeling according to the EC Dangerous Preparations Directive. Related to substance:      methanol
Skin irritation	Toxic Test substance:    methanol Possible risks of irreversible effects.

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>8 / 13</b>

Hazardous by absorption through the skin.  
The data are derived from the labeling according to the EC Dangerous Preparations Directive.

Assessment of STOT single exposure carcinogenicity assessment	Causes damage to organs. Contains no carcinogenic substances as defined by NTP, IARC and/or OSHA.
---	--

---

**12. Ecological information****12.1. Toxicity**

*No ecotoxicological studies are available on the mixture.*

Toxicity to fish	LC50 <i>Lepomis macrochirus</i> : 15400 mg/l / 96 h Test substance: methanol
Toxicity in aquatic invertebrates	NOEC <i>Daphnia magna</i> (Water flea): 10000 mg/l / 48 h Test substance: methanol
Toxicity to algae	NOEC <i>Scenedesmus quadricauda</i> (Green algae): 8000 mg/l / 192 h Test substance: methanol

**12.2. Persistence and degradability**

Biodegradability No data available

**12.3. Bioaccumulative potential**

Bioaccumulation No data available

**12.4. Mobility in soil**

Mobility No data available

**12.5. Other adverse effects**

Further Information An Expert Judgment stated that no classification is necessary based on present knowledge.

---

**13. Disposal considerations****13.1. Waste treatment methods**



**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>9 / 13</b>

**Product**

Waste must be disposed of in accordance with federal, provincial, state and local regulations. Empty containers must be handled with care due to product residue. **DO NOT HEAT OR CUT THE EMPTY CONTAINER WITH AN ELECTRIC OR GAS TORCH.**

**Uncleaned packaging**

Packaging, that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

If there is product residue in the emptied container, follow directions for handling on the container's label.

Incorrect disposal or reuse of this container is illegal and can be dangerous.

Other countries: observe the national regulations.

---

**14. Transport information****D.O.T. Road/Rail**

- 4.1. UN number: UN 1230
- 4.2. UN proper shipping name: Methanol Solution
- 4.3. Transport hazard class(es): 3 (6.1)
- 4.4. Packing group: II
- 14.5. Environmental hazards (Marine pollutant): --
- 14.6. Special precautions for user: Yes
  - ROAD: FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity - (CFR) Regulation!
  - RAIL: FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity - (CFR) Regulation!

Keep separate from foodstuffs, luxury foods, feedstuffs

**Air transport ICAO-TI/IATA-DGR**

- 4.1. UN number: UN 1230
- 4.2. UN proper shipping name: Methanol Solution
- 4.3. Transport hazard class(es): 3 (6.1)
- 4.4. Packing group: II
- 14.5. Environmental hazards: --
- 14.6. Special precautions for user: Yes
  - IATA-C: Subsidiary risk: 6.1 (not to label)  
FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity - Regulation!
  - IATA-P: Subsidiary risk: 6.1 (not to label)  
FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity - Regulation!

Keep separate from foodstuffs, luxury foods, feedstuffs

**Sea transport IMDG-Code/GGVSee (Germany)**

- 4.1. UN number: UN 1230
- 4.2. UN proper shipping name: METHANOL SOLUTION
- 4.3. Transport hazard class(es): 3 (6.1)
- 4.4. Packing group: II
- 14.5. Environmental hazards (Marine pollutant): --
- 14.6. Special precautions for user: Yes

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>10 / 13</b>

- || EmS: F-E,S-D  
Clear of living quarters.  
FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity-Regulation!
- || Keep separate from foodstuffs, luxury foods, feedstuffs
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:  
for transportapproval see regulatory information

---

**15. Regulatory information****US Federal Regulations****OSHA**

If listed below, chemical specific standards apply to the product or components:

- None listed

**Clean Air Act Section (112)**

If listed below, components present at or above the de minimus level are hazardous air pollutants:

- Methanol  
CAS-No. 67-56-1

**CERCLA Reportable Quantities**

If listed below, a reportable quantity (RQ) applies to the product based on the percent of the named component:

- Methanol  
CAS-No. 67-56-1  
Reportable Quantity 8333 lbs

**SARA Title III Section 311/312 Hazard Categories**

The product meets the criteria only for the listed hazard classes:

- Acute Health Hazard
- Fire Hazard
- Chronic Health Hazard

**SARA Title III Section 313 Reportable Substances**

If listed below, components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

- Methanol  
CAS-No. 67-56-1

**Toxic Substances Control Act (TSCA)**

If listed below, non-proprietary substances are subject to export notification under Section 12 (b) of TSCA:

- None listed

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>11 / 13</b>

**State Regulations**

The Listing requirements of the Right to Know (RTK) legislation varies by state. All information for NJ, PA, MA and other states can be derived from the listing of hazardous and non-hazardous components in section 2 and 15 of this MSDS.

**California Proposition 65**

A warning under the California Drinking Water Act is required only if listed below:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

- Methanol  
CAS-No. 67-56-1

An employer using HMIS/NFPA labeling must through training ensure that its employees are fully aware of the hazards of the chemicals used.

**HMIS Ratings**

Health :	2*
Flammability :	3
Physical Hazard :	0

**NFPA Ratings**

Health :	2
Flammability :	3
Reactivity :	0

**16. Other information****Further information**

Revision date 05/29/2015

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>12 / 13</b>

**Legend**

<b>ACC</b>	American Chemistry Council
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ACS</b>	Advisory Committee on Sustainability
<b>ADI</b>	Acceptable Daily Intake
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BOD</b>	Biochemical oxygen demand
<b>c.c.</b>	closed cup
<b>CAO</b>	Cargo Aircraft Only
<b>Carc</b>	Carcinogen
<b>CAS</b>	Chemical Abstract Services
<b>CDN</b>	Canada
<b>CEPA</b>	Canadian Environmental Protection Act
<b>CERCLA</b>	Comprehensive Environmental Response – Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>COD</b>	Chemical oxygen demand
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>DOT</b>	Department of Transportation
<b>EC50</b>	half maximal effective concentration
<b>EPA</b>	Environmental Protection Agency
<b>ErC50</b>	Reduction of Growth Rate
<b>ERG</b>	Emergency Response Guide Book
<b>FDA</b>	Food and Drug Administration
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>HCS</b>	Hazard Communication Standard
<b>HMIS</b>	Hazardous Materials Identification System
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>IBC</b>	Intermediate Bulk Container
<b>ICAO-TI</b>	International Civil Aviation Organization- Technical Instructions
<b>ICCA</b>	International Council of Chemical Association
<b>ID</b>	Identification number
<b>IMDG</b>	International Maritime Dangerous Goods
<b>IUPAC</b>	International Union of Pure and Applied Chemistry
<b>ISO</b>	International Organization For Standardization
<b>LC50</b>	50 % Lethal Concentration
<b>LD50</b>	50 % Lethal Dose
<b>L(EC50)</b>	LC50 or EC50
<b>LOAEL</b>	Low est observed adverse effect level
<b>LOEL</b>	Low est observed effect level
<b>MARPOL</b>	International Convention for the Prevention of Pollution from Ships
<b>NFPA</b>	National Fire Protection Association
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>RQ</b>	Reportable Quantity
<b>SDS</b>	Safety Data Sheet
<b>STOT</b>	Specific Target Organ Toxicity
<b>UN</b>	United Nations
<b>vPvB</b>	very persistent, very bioaccumulative

**SAFETY DATA SHEET****Dynasylan® 1175**

Material no.		Version	<b>3.0 / US</b>
Specification	<b>133517</b>	Revision date	<b>05/29/2015</b>
Order Number		Print Date	<b>06/25/2015</b>
		Page	<b>13 / 13</b>

**voc** volatile organic compounds  
**WHMIS** Workplace Hazardous Materials Information System  
**WHO** World Health Organization