

# Material Safety Data Sheet

Status: 11/15/2011

Version: 2.0



**DEGALAN® LP 65/11**

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## 1. Chemical Product and Company Identification

### DEGALAN® LP 65/11

Supplier:

Evonik Degussa Corporation  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
+1-973-929-8000  
product-regulatory-services@evonik.com

Product Information Number 973-929-8060  
24 Hour Emergency Number, CHEMTREC 1-800-424-9300

® is a registered trademark

**Product Use:** binder for building paints, binder for marine and container paints, porous metal sealing

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## 2. Composition/Information on Ingredients

**This material is classified as not hazardous under OSHA regulations.**

<u>Ingredients</u>	<u>CAS Reg. No.</u>	<u>Weight %</u>
acrylic polymer	trade secret	> 98

NJTSR # 56705700001-7092P

See Section 8, Exposure Controls/Personal Protection

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## 3. Hazards Identification

### Emergency Overview

Color: colourless  
Appearance: beads  
Odor: odourless

**Under normal conditions of use, this product is not expected to create any unusual emergency hazards.**

**Dust may form explosive mixtures with air.**

**Dust may be irritating to respiratory tract.**

### Primary Routes of Exposure

Inhalation (if exposed to dust)  
Eye contact (if exposed to dust)  
Skin contact (if exposed to dust)

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## Potential Health Effects

### Inhalation

Dust of material can cause the following:

- mechanical irritation

### Eye Contact

Dust of material can cause the following:

- mechanical irritation

### Skin Contact

Material can cause the following:

- mechanical irritation

This product contains small amounts of substances that may produce an allergic reaction:

methyl methacrylate

n-butyl methacrylate

### Ingestion

No hazard expected in normal use.

## Potential Environmental Effects

See SECTION 12, Ecological Information

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## 4. First Aid Measures

### First Aid Procedures

#### Inhalation

If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop. If breathing is difficult, get medical attention.

#### Eye Contact

In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

#### Skin Contact

Immediately wash skin with soap and plenty of water. Obtain medical attention if irritation develops.

Remove contaminated clothing and shoes.

#### Ingestion

Ingestion is not considered a potential route of exposure.

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## 5. Fire-Fighting Measures

**Flash point** not available

**Ignition temperature** not available

**Lower explosion limit** not available

**Upper explosion limit** not available

**OSHA Flammability Classification** none

### Other Flammable Properties

Dusts at sufficient concentrations can form explosive mixtures with air.

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## Unusual Hazards

None known -

## Extinguishing Media

Use the following extinguishing media when fighting fires involving this material:

foam - dry chemical - carbon dioxide - water spray

## Fire Fighting Procedures

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

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## 6. Accidental Release Measures

### Procedures

Ventilate area. Collect material and place in a disposal container. Obey relevant local, state, provincial and federal laws and regulations. Use personal protective equipment. Do not contaminate any lakes, streams, ponds, groundwater or soil. See Material Safety Data Sheet section 8, Exposure Controls/Personal Protection.

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## 7. Handling and Storage

### Handling

Use with adequate ventilation. Minimize dust generation and accumulation. May form flammable dust-air mixtures. Avoid breathing dust or fumes. Avoid contact with eyes, skin and clothing. Protect against accumulation of static discharge.

### Storage

Store in a cool, dry place. Keep container closed when not in use.

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## 8. Exposure Controls/Personal Protection

### Exposure Limit Information

#### DUST, PARTICULATES

Occupational Exposure Values :

Remark(s):

Occupational Exposure Values :	Remark(s):
ACGIH TLV-TWA	not established
ACGIH TLV-STEL	not established
OSHA PEL-TWA	50 mppcf (total dust)
OSHA PEL-TWA	15 mppcf (respirable dust)
OSHA PEL-STEL	not established
OEL-TWA (Alberta)	10 mg/m3 (total dust)
OEL-TWA (Alberta)	3 mg/m3 (respirable dust)
OEL-STEL (Alberta)	not established
OEL-TWA (British Columbia)	3 mg/m3 (respirable dust)
OEL-TWA (British Columbia)	10 mg/m3 (total dust)
OEL-STEL (British Columbia)	not established
OEL-TWA (Ontario)	10 mg/m3 (inhalable)
OEL-TWA (Ontario)	3 mg/m3 (respirable)

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OEL-TWA (Quebec)		10 mg/m <sup>3</sup>	(total dust)
OEL-STEL (Quebec)			not established
OEL-TWA (Mexico)		10 mg/m <sup>3</sup>	(total dust)
OEL-STEL (Mexico)			not established

## ACRYLIC COPOLYMER

trade secret

No Occupational Exposure Values established (ACGIH, OSHA, Canada and Mexico).

### Engineering Controls (Ventilation)

If use operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### Respiratory Protection

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

### Eye Protection

Use safety glasses (ANSI Z87.1 or approved equivalent).

### Hand Protection

General use gloves are recommended to protect the skin from drying and irritation.

Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

### Other Protective Equipment

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.

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## 9. Physical and Chemical Properties

<b>Appearance</b>	colourless
<b>Physical state</b>	beads
<b>Odor</b>	odourless
<b>Flash point</b>	not available
<b>pH-value</b>	not applicable
<b>Viscosity (dynamic)</b>	not applicable
<b>Specific gravity (water = 1)</b>	approx. 1.10 g/cm <sup>3</sup> at 68 °F / ( ISO 1183.1 )
<b>Vapor density (air = 1)</b>	not applicable
<b>Vapor pressure</b>	not applicable
<b>Glass Transition Temperature</b>	approx. 48 °C / 118 °F
<b>Boiling Temperature</b>	not applicable
<b>Solubility in water</b>	insoluble
<b>Bulk density</b>	not available
<b>Solubility (qualitative)</b>	in e.g. esters, ketones and chlorinated hydrocarbons: readily soluble

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<b>n-Octanol/water partition coefficient</b>	not applicable
<b>Evaporation rate</b>	not applicable
<b>Odor threshold</b>	not available
<b>Further information</b>	Dust explosions are generally to be expected with dust-forming organic products.

See Section 5, Fire Fighting Measures

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## 10. Stability and Reactivity

### Stability

This material is considered stable under specified conditions of storage, shipment and/or use. No decomposition if stored and applied as directed.

### Conditions To Avoid

High temperature. Depolymerization begins at 250 °C / 482 °F. Operations that create dust

### Incompatibility With Other Materials

oxidizing agents

### Hazardous Decomposition Products

Methacrylate monomers and oxidation products.

### Hazardous Polymerization

Will not occur under normal conditions.

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## 11. Toxicological Information

### Acute Oral Toxicity

no specific test data available no evidence for hazardous properties (structure-activity-relationships) (analogy)

### Irritant Effect on the Skin

no specific test data available no evidence for hazardous properties (structure-activity-relationships) (analogy)

### Irritant Effect on the Eyes

no specific test data available no evidence for hazardous properties (structure-activity-relationships) (analogy)

### Sensitization

no specific test data available no evidence for hazardous properties (structure-activity-relationships) (analogy)

### Mutagenicity

no specific test data available  
no evidence for hazardous properties  
(structure-activity-relationships)  
(analogy)

### Carcinogenicity

no specific test data available  
no evidence for hazardous properties  
(structure-activity-relationships)  
(analogy)

### Reprotoxicity / teratogenicity

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no specific test data available  
no evidence for hazardous properties  
(structure-activity-relationships)  
(analogy)

## Further Information on Toxicology

The product has not been tested toxicologically. When handled and used as directed the product will not cause hazardous effects to health according to studies on similar products and practical experience. The fine particles contained in the product may cause mechanical irritations of the skin, eyes and mucous membranes. Avoid skin and eye contact and inhalation of product dust/aerosols.

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## 12. Ecological Information

### Information on Elimination (Persistence and Degradability) Bioaccumulation

### Ecotoxicological Effect

### Further Information on Ecology

The product has not been tested ecotoxicologically.  
On the basis of the products consistency as well as its low water solubility a bioavailability is unlikely. Studies on products with similar composition confirm this assumption. Do not allow to enter soil, waterways or waste water.

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## 13. Disposal Considerations

### Procedures

Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.

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## 14. Transport Information

### Further information

Not subject to the regulations on dangerous goods.

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## 15. Regulatory Information

### INVENTORY INFORMATION

REACH (EU)	preregistered, registered or exempted
TSCA (USA)	listed or exempted
DSL (CDN)	not listed
ECL (KOR)	listed or exempted
IECSC (CN)	listed or exempted
HSNO (NZ)	listed or exempted

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## US FEDERAL REGULATORY INFORMATION

Component / CASRN	TPQ [lbs]	CERCLA RQ [lbs] (40CFR302.4)	SARA 302 List of EHS	SARA 313 (40CFR372)	TSCA 12b
NONE					

## COMPONENT CLASSIFICATION UNDER CLEAN AIR ACT SECTION 112

Component / CASRN	Weight %	HAP	EHAP
NONE			

## PRODUCT CLASSIFICATION UNDER SECTION 311/312 OF SARA (40CFR370)

NONE

## US STATE REGULATORY INFORMATION

Component / CASRN	New Jersey RTK	Pennsylvania RTK	Massachusetts RTK	California Proposition 65 Cancer	California Proposition 65 Reproductive
acrylic polymer	NO	NO	NO	NO	NO

## CANADIAN REGULATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the MSDS contains all information required by the Controlled Products Regulations.

This is a non-controlled product.

**WHMIS:** NO

Component / CASRN	NPRI
NONE	

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## 16. Other Information

### Recommended restriction(s) for use

None known.

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	Health	Flammability	Physical Hazard
HMIS-Ratings	1	1	0
NFPA-Ratings	1	1	0

#### HMIS Hazard Ratings

4 = severe  
3 = serious  
2 = moderate  
1 = slight  
0 = minimal  
N = no rating for powders  
\* = chronic health hazard

#### NFPA Hazard Ratings

4 = extreme  
3 = high  
2 = moderate  
1 = slight  
0 = insignificant  
N = no rating for powders

This MSDS was prepared in accordance with ANSI Z400.1-1998.

Places marked by || have been amended from the last version.

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