

## Safety Data Sheet

Printing date 06/10/2015

Version Number 1.2

Reviewed on 06/10/2015

**1 Identification****Product identifier**Trade name: Monokote® Accelerator

SDS ID Number: 1179

**Relevant identified uses of the substance or mixture and uses advised against**

Specialty construction product. Not intended for other uses

**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

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

Grace Canada, Inc.  
294 Clements Road W.  
Ajax, Ontario L1S 3C6 Canada

**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)**2 Hazard(s) identification****Classification of the substance or mixture**

Causes serious eye damage.

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS05

Danger

**Precautionary statements**

Wear protective gloves /protective clothing/eye protection/face protection.

"If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. "

Avoid breathing dust.

Call a poison center/doctor.

Dispose of contents container in accordance with all applicable regulations.

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

Health = 2  
Fire = 0  
Reactivity = 0

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## HMIS-ratings (scale 0 - 4)

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HEALTH	2	Health = 2
FIRE	0	Flammability = 0
REACTIVITY	0	Reactivity = 0

## Other hazards

## Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## \* 3 Composition/information on ingredients

## Chemical characterization: Mixtures

Description: Mixture of the substances listed below with additional nonhazardous ingredients.

## Hazardous components:

10043-01-3	Aluminium sulphate	50-100%
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Additional information: For the wording of the listed risk phrases refer to section 16.

## \* 4 First-aid measures

## Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

## After inhalation:

If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

## After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

If skin irritation continues, consult a doctor.

## After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

## After swallowing:

Wash out mouth with water

Do not induce vomiting; immediately call for medical help.

## Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

## Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## \* 5 Fire-fighting measures

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

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**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.

Dispose contaminated material as waste according to section 13 of the SDS.

**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**

Open and handle receptacle with care.

Risk of serious damage to eyes.

Prevent formation of dust.

**Conditions for safe storage, including any incompatibilities****Storage:****Information about storage in one common storage facility:** No special measures required.**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.**Control parameters****Components with limit values that require monitoring at the workplace:****10043-01-3 Aluminium sulphate**REL (USA) Long-term value: 2 mg/m<sup>3</sup>  
as AlTLV (USA) Long-term value: 1\* mg/m<sup>3</sup>  
as Al;\*as respirable fraction**Additional information:** The lists that were valid during the creation were used as basis.

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**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:**

Wear NIOSH-approved respiratory protection (generally a N-95 dust/mist respirator is appropriate) to prevent employee exposures from exceeding the limits specified in this section.

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

**Eye protection:**

Protective goggles

**Body protection:** Protective work clothing**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Solid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value (~) at 20 °C (68 °F):** 4**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	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:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>VOC Content (max):</b>	Not determined.

<b>Vapor pressure:</b>	Not applicable.
<b>Density: (~) at 20 °C (68 °F)</b>	2.71 g/cm <sup>3</sup> (22.615 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.

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Solubility in / Miscibility with  
Water:Not miscible or difficult to mix.  
Insoluble.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic:

Not applicable.

Kinematic:

Not applicable.

Molecular weight

Not applicable.

Other information

No further relevant information available.

**10 Stability and reactivity****Reactivity** Stable under normal conditions.**Chemical stability****Thermal decomposition:** No decomposition if used according to specifications.**Conditions to avoid** No further relevant information available.**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****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****10043-01-3 Aluminium sulphate**

Dermal | LD50 | 6200 mg/kg (microorganisms)

**Primary irritant effect:****on the skin:** No irritating effect expected**on the eye:** Causes serious eye damage.**inhalation:** No irritating effect expected**Additional toxicological information:****Carcinogenic categories****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.

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**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information****Toxicity****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.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**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, ADN, IMDG, IATA Not applicable.

**UN proper shipping name**DOT, ADN, IMDG, IATA Not applicable.  
ADR Not applicable.**Transport hazard class(es)**DOT, ADR, ADN, IMDG, IATA Not applicable.  
Class

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**Packing group**  
DOT, ADR, IMDG, IATA Not applicable.

**Environmental hazards:**  
Marine pollutant: No

**Special precautions for user** Not applicable.

**Transport/Additional information:** Not classified as a dangerous good for transport by road, rail or air.

**DOT**  
**Remarks:** Not Regulated.

**UN "Model Regulation":** -

## 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 Delayed (chronic)	Yes
Health Immediate (acute)	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.

### 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.

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<b>NIOSH-Cancer (National Institute for Occupational Safety and Health)</b>
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None of the ingredients is listed.
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<b>Volatile Organic Compounds (VOC) reported per the Emission Standards.</b>
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If no g/L value is provided this product is not subject to above standard.
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<b>16 Other information</b>
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"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."

**Department issuing SDS:**

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 Cambridge, MA 02140 USA  
 USA: +1-617-876-1400 (24 hours)  
 +1-800-354-5414

**Date of preparation / last revision** 06/10/2015 / 1.1

**The first date of preparation** 10/07/2010

**Number of revision times and the latest revision date** 1.2 / 06/10/2015

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