

## Safety Data Sheet

Printing date 03/03/2017

Version Number 1.1

Reviewed on 03/03/2017

### 1 Identification

#### Product identifier

Trade name: ***Monokote® Accelerator***

SDS ID Number: 9000

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

#### Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

GCP Applied Technologies  
62 Whittemore Avenue  
Cambridge, MA 02140 USA

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

##### Information department:

Environmental Health & Safety  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts  
CAN: 1-905-683-8561 (24 hours)  
Email address: [msds.gcp@gcpat.com](mailto:msds.gcp@gcpat.com)

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Causes serious eye damage.

**Label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS)

#### Hazard pictograms



GHS05

Danger

#### Precautionary statements

Avoid breathing dust.

Wear protective gloves / 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.

Immediately call a POISON CENTER/doctor.

Dispose of contents/container in accordance with local/regional/national/international regulations.

(Cont. on page 2)

USGHS

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Version Number 1.1

Reviewed on 03/03/2017

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## NFPA ratings (scale 0 - 4)

(Cont. from page 1)



Health = 2  
Fire = 0  
Reactivity = 0

## HMIS-ratings (scale 0 - 4)



Health = 2  
Flammability = 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:

CAS 10043-01-3 =  $\text{Al}_2(\text{SO}_4)_3 \cdot (14-18)\text{H}_2\text{O}$

For the wording of the listed hazard 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:** No special measures required.

**After skin contact:** Wash with plenty of soap and water.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:** If symptoms persist consult doctor.

## 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

## Extinguishing media

**Suitable extinguishing agents:** Nonflammable.

(Cont. on page 3)

USGHS

## Safety Data Sheet

Printing date 03/03/2017

Version Number 1.1

Reviewed on 03/03/2017

Trade name: *Monokote® Accelerator*

(Cont. from page 2)

**Special hazards arising from the substance or mixture** No further relevant information available.**Advice for firefighters****Protective equipment:** No further relevant information available.**Additional information** No further relevant information available.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Avoid release to the environment.

Inform respective authorities in case of seepage into water course or sewage system.

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

Send for recovery or disposal in suitable 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**

Risk of serious damage to eyes.

Prevent formation of dust.

Do not eat, drink or smoke when using this product.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

**Information about protection against explosions and fires:** No special measures required.**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:**

Store in a dry place.

Keep cool.

(Cont. on page 4)

USGHS

## Safety Data Sheet

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Version Number 1.1

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(Cont. from page 3)

**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:**Total dust 10mg/m<sup>3</sup>, respirable dust 4mg/m<sup>3</sup>.**10043-01-3 Aluminium sulphate**

REL (USA)	Long-term value: 2 mg/m <sup>3</sup> as Al
TLV (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.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:**

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

**Protection of hands:** Protective gloves**Material of gloves**

Nitrile rubber.

**Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses with side shield protection.

**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

USGHS

(Cont. on page 5)

## Safety Data Sheet

Printing date 03/03/2017

Version Number 1.1

Reviewed on 03/03/2017

Trade name: *Monokote® Accelerator*

(Cont. from page 4)

**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>Odor threshold:</b>	Not determined.

pH-value (~) at 20 °C (68 °F): 3

**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.

<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	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: (~)</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.

**Solubility in / Miscibility with Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:**

<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
<b>Molecular weight</b>	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

USGHS

(Cont. on page 6)

## Safety Data Sheet

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Trade name: *Monokote® Accelerator*

(Cont. from page 5)

**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.

**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.

USGHS

(Cont. on page 7)

## Safety Data Sheet

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(Cont. from page 6)

**13 Disposal considerations****Waste treatment methods****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, IMDG, IATA Not applicable.

**UN proper shipping name**

DOT, IMDG, IATA Not applicable.

**Transport hazard class(es)**

DOT, IMDG, IATA

Class Not applicable.

**Packing group**

DOT, IMDG, IATA Not applicable.

**Environmental hazards:** Not applicable.

**Special precautions for user** Not applicable.

**Transport/Additional information:**

DOT

Remarks: Not Regulated.

**UN "Model Regulation":** Not applicable.

**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)	Yes
Health Delayed (chronic)	No
Flammable	No
Reactive	No
Pressure	No

(Cont. on page 8)

USGHS

## Safety Data Sheet

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Trade name: *Monokote® Accelerator*

(Cont. from page 7)

**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.

**Right to Know Ingredient Disclosure:**

7732-18-5 | Water

**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.

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

None of the ingredients is listed.

**Volatile Organic Compounds (VOC) reported per the Emission Standards.**

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

**Other regulations, limitations and prohibitive regulations** All components EINECS listed or exempt.**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.

**Department issuing SDS:**

GCP Applied Technologies  
62 Whittemore Avenue  
Cambridge, MA 02140 USA  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414

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