

1 Identification

Product identifier

Trade name: ***EXP CA-512***

SDS ID Number: 2731

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:
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

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

2 Hazard(s) identification

Classification of the substance or mixture

Causes serious eye irritation.
May cause an allergic skin reaction.
May cause damage to organs through prolonged or repeated exposure.

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

Hazard pictograms



GHS07 GHS08

Warning

Hazard statements

Causes serious eye irritation.
May cause an allergic skin reaction.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Wear 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.
IF ON SKIN: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: EXP CA-512

(Cont. from page 1)

If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

NFPA ratings (scale 0 - 4)

Health = 1
 Fire = 1
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *1
 Flammability = 1
 Reactivity = 0

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.**Hazardous components:**

111-46-6	Diethylene glycol	20-25%
140-07-8	Tetrahydroxyethylethylenediamine	10-20%
107-21-1	Ethylene glycol	1.0-3.0%
126-71-6	Triisobutyl phosphate	0.1-1.0%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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.

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

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:**Most important symptoms and effects, both acute and delayed**

Allergic reactions

Irritating to eyes.

(Cont. on page 3)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: *EXP CA-512*

(Cont. from page 2)

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.

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.

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

Precautionary Measures : May degrade Polyvinylchloride (PVC) and other plastic materials.

Handling:

Precautions for safe handling

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

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

Avoid contact with eyes.

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: 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:

111-46-6 Diethylene glycol

WEEL (USA) Long-term value: 10 mg/m³

(Cont. on page 4)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: *EXP CA-512*

(Cont. from page 3)

107-21-1 Ethylene glycol

TLV (USA)	Short-term value: NIC-127* NIC-10** mg/m ³ , NIC-50* ppm Long-term value: NIC-63.5* mg/m ³ , NIC-25* ppm Ceiling limit value: (100) mg/m ³ (H); *inh. fraction + vapor,P:**inh. fraction, H
-----------	---

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.

Store protective clothing separately.

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: Rubber or other impervious gloves should be worn to prevent skin contact.

Material of gloves: Butyl rubber, BR

Eye protection:

Safety glasses with side shield protection.



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

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value (~) at 20 °C (68 °F): 11

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	146 °C (295 °F)

Flammability (solid, gaseous): Not applicable.

Decomposition temperature: Not determined.

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: *EXP CA-512*

(Cont. from page 4)

Auto igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.

Explosion limits:
Lower: 1.8 Vol %
Upper: 12.2 Vol %
VOC Content (max): Not determined.

Vapor pressure: Not determined.
Density: (~) Not determined.
Relative density Not determined.
Vapor density Not determined.
Evaporation rate Not determined.

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

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

Viscosity:
Dynamic: Not determined.
Kinematic: Not determined.
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.

Possibility of hazardous reactions No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: May degrade Polyvinylchloride (PVC) and other plastic materials

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Delayed and immediate effects and chronic effects from short or long term exposure

May cause damage to organs through prolonged or repeated exposure.

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

111-46-6 Diethylene glycol

Oral	LD50	1120 mg/kg (human)
------	------	--------------------

Primary irritant effect:

on the skin: No irritating effect expected

on the eye: Causes serious eye irritation.

inhalation: No irritating effect expected

Ingestion: May cause damage to organs through prolonged or repeated exposure.

Sensitization: May cause an allergic skin reaction.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: *EXP CA-512*

(Cont. from page 5)

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

102-71-6 | Triethanolamine

3

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.**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, IMDG, IATA Not applicable.

UN proper shipping name

DOT, IMDG, IATA Not applicable.

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: *EXP CA-512*

(Cont. from page 6)

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):

107-21-1 Ethylene glycol 1.0%

SARA Section 312/Tier I & II Hazard Categories:

Health Hazard - Respiratory or Skin Sensitization

Health Hazard - Serious eye damage or eye irritation

Health Hazard - Specific target organ toxicity (single or repeated exposure)

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:

112-27-6 Triethylene glycol

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:

107-21-1 Ethylene glycol

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**

Ethylene glycol

A4

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 10/28/2016

Version Number 1.0

Reviewed on 10/28/2016

Trade name: EXP CA-512

(Cont. from page 7)

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.

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

Date of preparation / last revision 10/28/2016 / -**The first date of preparation** 10/25/2016**Number of revision times and the latest revision date** 1.0 / 10/28/2016

USGHS