

# **Trade Name: Counter-Pack**

# 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade Name: Counter-Pack Description: Cement based admixture

- 1.2 Article No.: Counter-Pack
- 1.3 Details of the supplier of the Safety Data Sheet Manufacturer:

Walttools 1246 Leah Rd Morris, IL 60450 Toll Free:888.263.5895 Tel: (815) 941-4215 Fax: (815) 941-2413 www.walttools.com

# 1.4 Emergency telephone number:

INFOTRAC USA DOMESTIC: (800-535-5350

# 2 Hazards identification

# 2.1 Classification of the substance or mixture

#### GHS Classification in accordance with CFR 1910 (OSHA HCS)

The product is not classified as hazardous according to EU parliament and councils directive 1999/45/EF.

2.2 Label elements

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Labeling according to Regulation (EC) No 1272/2008: Contains: Portland and other cement Hazard pictograms:

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	1S07
Signal Word:	
Hazard Statem	
H315	Causes skin irritation.
H317	May cause allergic skin reaction.
H318	May cause respiratory irritation.
H402	Possibly harmful to aquatic life.
Precautionary	Statements:
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P261	Avoid breathing dust.
P302+352	IF ON SKIN: wash with plenty of soap and water.
P305 +351+338	3. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, If
	present and easy to do so. Continue rinsing.
P402 +404	Store in a dry place. Store in a closed container.
P501	Dispose of contents/container in accordance with local regulations.
Supplementar	y precautionary Statements:
P271 Us	e only outdoors or in well-ventilated area.
P264 Wa	ish contaminated skin thoroughly after handling.
	NHALED: Remove victim to fresh air and keep at rest in a position comfortable for
	eathing.

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P333+313 If skin irritation or rash OCCURS: get medical advice/Attention.

P361 Remove/take off immediately all contaminated clothing.

P362 Take off contaminated clothing before reuse.

P403+233 Store in well-ventilated place. Keep container tightly closed.

For NFPA ratings, see Section 15 on page 9.

### 2.3. Other hazards

Hazardaya componenta

The grain size distribution of silica sand means that it is not hazardous. However, any respirable Crystalline Silica dust generated by processing and handling of silica sand may cause health effects. (EH40 Long term Exposure limit for Silica. Respirable crystalline is 0.3mg.m3

# **3** Composition/information on ingredients

Description: Mixture of substances listed below with nonhazardous additives.

Identification #	Description	WT. %
CAS: 65997-15-1	Portland cement	25-40%
CAS: 1305-78-8 14808-60-7 18450-29-9 1309-48-4	Proprietery Cement blend which may contain the following in some concentration ranges: Calcium oxide Quartz Hexavalent chromium* Magnesium oxide	60-75%

Additional information: Balance of other ingredients are non-hazardous or less than 1% in concentration (c 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers). Additional H statements see Sec 16.

# 4 First aid measures

#### 4.1 Description of first aid measures

#### After inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues. DO NOT INDUCE VOMITING.

#### After skin contact:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

#### After eye contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention.

# After swallowing:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents Give large amounts of water or milk to a CONSCIOUS PERSON. <u>Never give (milk or water) to</u> <u>someone who is unconscious</u>, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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### 4.2 Most important symptoms and effects, both acute and delayed.

**Acute**: This material may cause irritation to skin and eyes. Product may cause an allergic skin reaction. **Chronic:** Prolonged or repeated skin contact may cause skin reaction product can be removed with water wash exposed skin thoroughly. Seek medical attention if symptoms arise.

Target Organs: Acute: Eye, Skin Chronic: Skin

Hazards: Pre-existing skin or eye problems may be aggravated by exposure to this product.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptoms and reduce over-exposure.

# 5 Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing agents: Use fire-extinguishing media appropriate for surrounding materials.

- **5.2 Special hazards arising from the substance or mixture:** this product may form dust and can accumulate electrostatic charges, which may form electric discharges (ignition source). Use proper electrical grounding methods where airborne powder is removed mechanically.
- Hazardous decomposition products: Fire creates; Toxic gasses/vapors/fumes of: Carbon monoxide (CO), carbon dioxide (CO2)

#### 5.3 Advice for Firefighters:

Use standard Protective equipment for firefighters appropriate for surrounding materials.

# 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**: Personnel should be trained for spill response operations.
- 6.2 Environmental precautions: All work practices must be aimed at eliminating environmental contamination.
- **6.3 Methods and material for containment and cleaning up:** Evacuate area. Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up spilled material with an absorbent material and pick up and place in an appropriate waste container for disposal. Do not mix with other wastes. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

# 7 Handling and storage

# 7.1 Precautions for safe handling

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing dust/vapors generated by this product. **Use in a well-ventilated location or provide good ventilation before use**. Remove contaminated clothing immediately.

# 7.2 Conditions for safe storage, including any incompatibilities Storage:

#### Requirements to be met by storerooms and receptacles:

Provide good ventilation. and avoid contact with skin and eyes.. Good general housekeeping procedure should be followed. Do not eat drink or smoke while using the material. Emergency showers should be readily available... Avoid contact with skin eyes. Do not inhale dust wear appropriate breathing equipment. Contact with eyes or skin my be irritating.. Use only with good ventilation and PPE. Keep container closed when not in use.

7.3 Specific end use(s): use within the time period as recommended on the technical data sheet.

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# 8 Exposure controls/personal protection

#### Additional information about design of technical facilities:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

#### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

#### 8.2 Exposure controls

### Personal protective equipment:

#### General protective and hygienic measures:

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

**Respiratory protection:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Protection of hands:** Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

Protective gloves

#### Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacture. Nitrile gloves are a good choice for using this product.

#### Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.

**Eye protection:** Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

# Tightly sealed goggles

#### **Body Protection:**

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

Exposure guidelines:

#### 9 Physical and chemical properties 9.1 Information on basic physical and chemical properties **General Information** Appearance: Form: Powder Color: Light gray Odor: N/A Odor threshold: N/A 7.0-7.6 pH-value: Change in condition N/A

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Melting point/Melting range:	>1600 F
Boiling point/Boiling range:	N/A
Flash point:	N/ot determined
Flammability (solid, gaseous):	Not combustible
Auto/Self-ignition temperature:	N/A
Decomposition temperature:	No data available
Self-igniting:	No
Danger of explosion:	No
Explosion limits	
Lower + Upper:	Not established
Vapor pressure at:	Not established
Density at 20°C:	No data available
Vapor pressure:	
Vapor density:	
Evaporation rate:	
Solubility in / Miscibility with Water:	Mixable
Specific Gravity 23 C: (Water = 1):	N/A
Viscosity:	
Dynamic:	No data available
Kinematic:	No data available
Solvent content:	
Organic solvents:	No data available
VOC (EC)	0.0 g/l
9.2 Other information	No data available

# 10 Stability and reactivity

10.1 Reactivity: No data available

10.2 Chemical stability: Product is stable under normal temperature conditions.

Thermal decomposition / conditions to be avoided: none known

10.3 Possibility of hazardous reactions: none known

10.4 Conditions to avoid: Avoid contact with strong oxidizers

10.5 Incompatible materials: Bases, Alkalies (inorganic), Acids, oxidizing polymers

10.6 Hazardous decomposition products: Fire or high temperatures create:; carbon monoxide; carbon dioxide

# **11** Toxicological information

# 11.1 Information on toxicological effects: Inhalation Irritating to respiratory system. Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting. **Skin Contact** Irritating to skin. May cause sensitization by skin contact. Eye Contact Risk of serious damage to eyes. Contact with concentrated chemical may rapidly cause severe eye damage, possible loss of sight.

Medical considerations: Skin disorder and allergies.

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# **12** Ecological information

# 12.1 Toxicity

No data available

# 12.2 Persistence and degradability:

Degradability

#### 12.3 Bio accumulative potential:

N/A.

#### 12.4 Mobility in soil: No data available not relevant ,due to form of product ( powder)

# 12.5 Results of PBT and vPvB assessment

PBT.vPvB assessment not available, chemical assessment not required /not conducted

# **13 Disposal considerations**

#### 13.1 Waste treatment methods

#### Recommendations:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan. Recommended to contact local licensed professional waste disposal service.

# RCRA WASTE CODE: None Listed

EU WASTE CODE: Not Listed

14 Transport information	
14.1 UN-Number IMDG: ADR, DOT, IATA, TGD	NO UN NUMBER REQUIRED NON HAZARDOUS IN ALL RESPECTS NOT REGULATED,NOT DANGEROUS GOODS
14.2 UN proper shipping name ADR, IMDG, IATA: DOT: TGD	NOT REGULATED, NOT DANGEROUS GOODS
14.3 Transport hazard class(es) DOT	
Class: Label:	NONE
ADR, IMDG, IATA Class:	
Label:	NONE
IMDG Class: Label:	
	NONE
IATA Class: Label:	
	NONE

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14.4 Packing group DOT, ADR, IMDG, IATA:	NONE
14.5 Environmental hazards: Marine pollutant:	This products ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)
14.6 Special precautions for user Danger code (Kemler): EMS Number:	No data available No data available
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	No data available
Transport/Additional information	
ADR Tunnel restriction code	No data available
UN "Model Regulation":	No data available

# **15 Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)

SARA: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.: None

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Toxic Release Inventory): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

#### Proposition 65 (California):

#### Chemicals known to cause cancer:

None of the ingredients is listed.

#### Canada

Canadian Domestic Substances List (DSL): All ingredients are listed

Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

# HEALTH 1, FLAMMABILITY 0, REACTIVITY 0, PERSONAL PROTECTION E

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# 16 Other information

#### Relevant phrases:

#### Acute Tox. Acute Toxicity

Aquatic Acute. Acute aquatic toxicity

- H302: Harmful if swallowed
- H312: Harmful in contact with skin
- H332: Harmful in contact with skin
- H315: causes skin irritation

#### **Precautionary Statements:**

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P261	Avoid breathing dust.
P302+352	IF ON SKIN: wash with plenty of soap and water.
P305 +351+338.	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, If
	present and easy to do so. Continue rinsing.
P402 +404	Store in a dry place. Store in a closed container.
P501	Dispose of contents/container in accordance with local regulations.

#### Supplementary precautionary Statements:

P271	Use only outdoors or in well-ventilated area.
P264	Wash contaminated skin thoroughly after handling.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
	breathing.
P333+313	If skin irritation or rash OCCURS: get medical advice/attention.
P361	Remove/take off immediately all contaminated clothing.
P362	Take off contaminated clothing before reuse.
P403+233	Store in well-ventilated place. Keep container tightly closed.

- R21: Harmful in contact with skin
- R34: Causes burns.

R43: May cause sensitization by skin contact

R52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

#### Abbreviations and acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation.
- IATA: International Air Transport Association.

ACGIH: American Conference of Governmental Industrial Hygienists.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

- NFPA: National Fire Protection Association (USA). HMIS: Hazardous Materials Identification System (USA).
- LC50: Lethal concentration, 50 percent.
- LD50: Lethal dose, <u>50 percent</u>.