

## 1 Identification

- · Product identifier
- · Trade name: ML010-Kit with MLH14
- · Article number: ML010-Kit
- · Application of the substance / the mixture Coating
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

SEM Products Inc. 1685 Overview Drive

Rock Hill, SC 29730

803 207 8225

· Information department:

cust\_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· Emergency telephone number: CHEMTREC 1-800-424-9300

## 2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

- · Label elements
- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

  (Contd. on page 2)

USA



Trade name: ML010-Kit with MLH14

(Contd. of page 1)

#### · Hazard pictograms









GHS05

GHS07

#### · Signal word Danger

#### · Hazard-determining components of labeling:

butan-1-ol

4-chloro-alpha, alpha, alpha-trifluorotoluene

titanium dioxide

Talc

#### · Hazard statements

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

#### . Precautionary statements

· Precautionary statements		
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.	
P241	Use explosion-proof electrical/ventilating/lighting/equipment.	
P261	Avoid breathing dust/fume/gas/mist/vapors/spray	
P280	Wear protective gloves / eye protection / face protection.	
P240	Ground/bond container and receiving equipment.	
P242	Use only non-sparking tools.	
P243	Take precautionary measures against static discharge.	
P264	Wash thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P271	Use only outdoors or in a well-ventilated area.	
P201	Obtain special instructions before use.	
P202	Do not handle until all safety precautions have been read and understood.	
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/	

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

shower.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention. P332+P313 If skin irritation occurs: Get medical advice/attention.

P330 Rinse mouth.

P370+P378 *In case of fire: Use for extinction: CO2, powder or water spray.* Take off contaminated clothing and wash it before reuse. P362+P364

Store locked up. P405

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool. P403+P235

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

(Contd. on page 3)

Trade name: ML010-Kit with MLH14

(Contd. of page 2)

- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 1 Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



- · Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.

## 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description:

Mixture: consisting of the following components.

Weight percentages

· Dangerous components:		
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	13 - 30%
14807-96-6	Talc	13 - 30%
471-34-1	calcium carbonate	13 - 30%
67-64-1	acetone	13 - 30%
25036-25-3	EPOXY RESIN	7 - 10%
1330-20-7	xylene	7 - 10%
71-36-3	butan-1-ol	1.5 - 5%
13983-17-0	WOLLASTONITE	1.5 - 5%
13463-67-7	titanium dioxide	1.5 - 5%
	Amine proprietary	
	EPOXY RESIN	1-1.5%
100-41-4	ethylbenzene	≤1%
108-88-3	toluene	≤1%

## 4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- · After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 4)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

(Contd. of page 3)

- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Immediately call a 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:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

## 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· 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

No special measures required.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.

(Contd. on page 5)



Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

(Contd. of page 4)

· Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 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:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

	34-1 calcium carbonate
PEL	Long-term value: 15* 5** mg/m³
	*total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m³
	*total dust **respirable fraction
TLV	TLV withdrawn
<b>67-6</b> 4	4-1 acetone
PEL	Long-term value: 2400 mg/m³, 1000 ppm
REL	Long-term value: 590 mg/m³, 250 ppm
TLV	Short-term value: 1187 mg/m³, 500 ppm
	Long-term value: 594 mg/m³, 250 ppm
	BEI
1330	-20-7 xylene
PEL	Long-term value: 435 mg/m³, 100 ppm
	Short-term value: 655 mg/m³, 150 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm
	Long-term value: 434 mg/m³, 100 ppm
	BEI
	6-3 butan-1-ol
	Long-term value: 300 mg/m³, 100 ppm
REL	Ceiling limit value: 150 mg/m³, 50 ppm
	Skin
	Long-term value: 61 mg/m³, 20 ppm
100-4	41-4 ethylbenzene
PEL	Long-term value: 435 mg/m³, 100 ppm
	Short-term value: 545 mg/m³, 125 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm
	BEI

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Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

(Contd. of page 5)

#### 108-88-3 toluene

PEL Long-term value: 200 ppm

Ceiling limit value: 300; 500\* ppm

\*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m³, 150 ppm

Long-term value: 375 mg/m³, 100 ppm TLV Long-term value: 75 mg/m³, 20 ppm

BEI

## · Ingredients with biological limit values:

#### 67-64-1 acetone

BEI 50 mg/L

Medium: urine Time: end of shift

Parameter: Acetone (nonspecific)

#### 1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine Time: end of shift

Parameter: Methylhippuric acids

#### 100-41-4 ethylbenzene

#### BEI 0.7 g/g creatinine

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

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Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

#### 108-88-3 toluene

#### BEI 0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene

0.3 mg/g creatinine Medium: urine Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

· Additional information: The lists that were valid during the creation were used as basis.

(Contd. on page 7)

Trade name: ML010-Kit with MLH14

(Contd. of page 6)

- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

#### · Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

#### · Protection of hands:

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · 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:



Tightly sealed goggles

## 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: Not determined.

· Change in condition

*Melting point/Melting range:* Undetermined.

Boiling point/Boiling range: 55 °C

(Contd. on page 8)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

	(Contd. of page
Flash point:	-18 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	465 °C
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Explosion limits:	
Lower:	2.6 Vol %
Upper:	13.0 Vol %
Vapor pressure at 20 °C:	233 hPa
Density at 20 °C:	$1.78279 \text{ g/cm}^3$
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/wa	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	42.8 %
VOC content:	12.9 %
	482.6 g/l / 4.03 lb/gl
Solids content:	57.1 %
Other information	No further relevant information available.

## 10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- $\cdot \textbf{Incompatible materials:} \ No \ further \ relevant \ information \ available.$
- · Hazardous decomposition products: No dangerous decomposition products known.

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(Contd. on page 9)

Trade name: ML010-Kit with MLH14

(Contd. of page 8)

## 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC5	LD/LC50 values that are relevant for classification:	
1330-20	-7 xyle	ne
Oral	LD50	4300 mg/kg (rat)
Dermal	<i>LD50</i>	2000 mg/kg (rabbit)
7779-90-0 trizinc bis(orthophosphate)		
Oral	<i>LD50</i>	>5000 mg/kg (rat)

- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: Strong irritant with the danger of severe eye injury.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

*Irritant* 

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
14807-96-6	Talc	3
1330-20-7	xylene	3
13983-17-0	WOLLASTONITE	3
13463-67-7	titanium dioxide	2B
	BENTONITE	suspected carcinogen <2% 14808-60-7
7631-86-9	silicon dioxide, chemically prepared	3
100-41-4	ethylbenzene	2B
108-88-3	toluene	3
1333-86-4	Carbon black	2B

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

68911-87-5 montmorilontie clay complex

## 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:

Water hazard class 2 (Self-assessment): hazardous for water

(Contd. on page 10)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

(Contd. of page 9)

Do not allow product to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.

- · 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
- · 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.

UN-Number	VD/1973
DOT, ADR, IMDG, IATA	UN1263
UN proper shipping name	
DOT	Paint
ADR	1263 Paint, special provision 640D
IMDG, IATA	PAINT
Transport hazard class(es)	
DOT	
RAMANELE LOUID	
Class	3 Flammable liquids
Label	3
ADR, IMDG, IATA	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, IMDG, IATA	II
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
EMS Number:	F- $E$ , $S$ - $E$

(Contd. on page 11)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

	(Contd. of page
· Stowage Category	В
· Transport in bulk according to Annex II o	nf .
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Product contains environmentally substance, liquid
$\cdot DOT$	
· Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
$\cdot$ ADR	
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· UN ''Model Regulation'':	UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

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$1 \le R \rho \sigma m$	

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Sara

· Section 355 (extremely hazardous substances):		
None of the ingredient is listed.		
· Section 313 (Specific toxic chemical listings):		
14807-96-6	Talc	
1330-20-7	xylene	
71-36-3	butan-1-ol	
7779-90-0	trizinc bis(orthophosphate)	
100-41-4	ethylbenzene	
108-88-3	toluene	
67-56-1	methanol	
	COBALT CARBOXYLATE	
· TSCA (Toxic Substances Control Act):		
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	
14807-96-6	Talc	
171 21 1		

471-34-1 calcium carbonate

67-64-1 acetone

25036-25-3 EPOXY RESIN

1330-20-7 xylene

71-36-3 butan-1-ol

13463-67-7 titanium dioxide

(Contd. on page 12)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

		(Contd. of page
	trizinc bis(orthophosphate)	
	silicon dioxide, chemically prepared	
	2,4,6-tris(dimethylaminomethyl)phenol	
	aluminium hydroxide	
	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	
	ethylbenzene	
108-88-3		
Proposition		
	known to cause cancer:	
	EPOXY RESIN	
1330-20-7	<u> </u>	
	titanium dioxide	
	ethylbenzene	
1333-86-4	Carbon black	
Chemicals k	known to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
Chemicals I	known to cause reproductive toxicity for males:	
None of the	ingredients is listed.	
Chemicals I	known to cause developmental toxicity:	
108-88-3 to	luene	
67-56-1 m	ethanol	
Cancerogen	ity categories	
EPA (Emir	(1D ( )' 1	
LIA (EIIVII	onmental Protection Agency)	
67-64-1	- · · · · · · · · · · · · · · · · · · ·	I
	acetone	I   I
67-64-1 (1330-20-7)	acetone	
67-64-1   1330-20-7   71-36-3	acetone xylene	I D
67-64-1 (1330-20-7) (1779-90-0)	acetone xylene butan-1-ol	I D
67-64-1 (1330-20-7) (1779-90-0)	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene	I D D, I,
67-64-1   1330-20-7   71-36-3   7779-90-0   100-41-4   108-88-3   1	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene	I D D, I, D
67-64-1   1330-20-7   71-36-3   7779-90-0   100-41-4   108-88-3   1	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)	I D D, I, D II
67-64-1   1330-20-7   17-36-3   7779-90-0   100-41-4   108-88-3   11LV (Thres 14807-96-6	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)	I D D, I, D II
67-64-1   1330-20-7   17-36-3   7779-90-0   100-41-4   108-88-3   11LV (Thres 14807-96-6	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH) Talc acetone	I D D, I, D II
67-64-1   1330-20-7   71-36-3   7779-90-0   100-41-4   108-88-3   114807-96-6   67-64-1   1330-20-7	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH) Talc acetone	I D D, I, D II
67-64-1   1330-20-7   17-36-3   7779-90-0   100-41-4   108-88-3   14807-96-6   67-64-1   1330-20-7   13463-67-7	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH) Talc acetone xylene	I D D, I, D II
67-64-1   1330-20-7   17-36-3   7779-90-0   100-41-4   108-88-3   14807-96-6   67-64-1   1330-20-7   13463-67-7	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)  Talc acetone xylene titanium dioxide ethylbenzene	I D D, I, D II
67-64-1   1330-20-7   17-36-3   17779-90-0   100-41-4   108-88-3   17LV (Thres 14807-96-6   67-64-1   1330-20-7   13463-67-7   100-41-4   108-88-3	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)  Talc acetone xylene titanium dioxide ethylbenzene	I D D, I, D II  A A A
67-64-1   1330-20-7   71-36-3   7779-90-0   100-41-4   108-88-3   14807-96-6   67-64-1   1330-20-7   13463-67-7   100-41-4   108-88-3   1333-86-4	acetone xylene butan-1-ol trizinc bis(orthophosphate) toluene toluene toluene toluene toluene xylene titanium dioxide ethylbenzene toluene toluene toluene	I D D, I, D II  A A A
67-64-1   1330-20-7   71-36-3   7779-90-0   100-41-4   108-88-3   1333-86-4   NIOSH-Ca	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)  Talc acetone xylene titanium dioxide ethylbenzene toluene	I D D, I, D II   A A A
67-64-1   1330-20-7   17-36-3   7779-90-0   100-41-4   108-88-3   14807-96-6   67-64-1   1330-20-7   13463-67-7   100-41-4   108-88-3   1333-86-4   NIOSH-Ca   13463-67-7	acetone xylene butan-1-ol trizinc bis(orthophosphate) ethylbenzene toluene hold Limit Value established by ACGIH)  Talc acetone xylene titanium dioxide ethylbenzene toluene Carbon black (National Institute for Occupational Safety and Health)	I D D, I, D



Trade name: ML010-Kit with MLH14

(Contd. of page 12)

#### · Hazard pictograms









GHS05

GHS07

#### · Signal word Danger

## · Hazard-determining components of labeling:

butan-1-ol

4-chloro-alpha, alpha, alpha-trifluorotoluene

titanium dioxide

Talc

#### · Hazard statements

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

#### . Precautionary statements

•	· Frecautionary statements		
	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.	
	P241	Use explosion-proof electrical/ventilating/lighting/equipment.	
	P261	Avoid breathing dust/fume/gas/mist/vapors/spray	
	P280	Wear protective gloves / eye protection / face protection.	
	P240	Ground/bond container and receiving equipment.	
	P242	Use only non-sparking tools.	
	P243	Take precautionary measures against static discharge.	
	P264	Wash thoroughly after handling.	
	P270	Do not eat, drink or smoke when using this product.	
	P271	Use only outdoors or in a well-ventilated area.	
	P201	Obtain special instructions before use.	
	P202	Do not handle until all safety precautions have been read and understood.	
	P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/	

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

shower.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention. P332+P313 If skin irritation occurs: Get medical advice/attention.

P330 Rinse mouth.

P370+P378 *In case of fire: Use for extinction: CO2, powder or water spray.* Take off contaminated clothing and wash it before reuse. P362+P364

Store locked up. P405

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool. P403+P235

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

(Contd. on page 14)

SEM

Printing date 06/01/2016 Reviewed on 01/08/2016

Trade name: ML010-Kit with MLH14

(Contd. of page 13)

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

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact: Steve Gaver (sgaver@semproducts.com)
- · Date of preparation / last revision 06/01/2016 / 6
- · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Carc. 2: Carcinogenicity - Category 2

Repr. 2: Reproductive toxicity - Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

\* \* Data compared to the previous version altered.

USA