Printing date 07/11/2019

Reviewed on 07/11/2019

1 Identification

- · Product identifier
- · Trade name: <u>MILBOND PRIMER KIT</u>
- · Article number: S12800(Pt.A), S12802
- · Application of the substance / the mixture Laboratory chemicals
- · Details of the supplier of the safety data sheet

• Manufacturer/Supplier: Electron Microscopy Sciences 1560 Industry Road USA-Hatfield, PA 19440 Tel: 215-412-8400 Fax: 215-412-8450 email: sgkcck@aol.com www.emsdiasum.com

• Information department: Product safety department • Emergency telephone number: ChemTrec 1-800-424-9300 Contract <u>CCN7661</u> 1-703-527-3887

2 Hazard(s) identification

 \cdot Classification of the substance or mixture

GHS02 Flame

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

GHS08

GHS08 Health hazard

Carc. 1A H350 May cause cancer.

GHS07

Acute Tox. 4H302Harmful if swallowed.Eye Irrit. 2AH319Causes serious eye irritation.STOT SE 3H336May cause drowsiness or dizziness.

· Label elements

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



· Signal word Danger

• *Hazard-determining components of labeling:* cyclohexanone strontium chromate n-butyl acetate

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(Contd. of page 1)
Quartz (SiO2)
· Hazard statements
Highly flammable liquid and vapor.
Harmful if swallowed.
Causes serious eye irritation.
May cause cancer.
May cause drowsiness or dizziness.
· Precautionary statements
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a poison center/doctor if you feel unwell.
Rinse mouth.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· Classification system:
· NFPA ratings (scale 0 - 4)
Health = 2
$\frac{3}{Fire = 3}$
$\frac{2}{Reactivity} = 0$
· HMIS-ratings (scale 0 - 4)
HEALTH *2 $Health = *2$
FIRE 3 Fire = 3
REACTIVITY Reactivity = 0
· Other hazards
· Results of PBT and vPvB assessment
• PBT: Not applicable.
· vPvB: Not applicable.

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3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
123-86-4	n-butyl acetate	>10- <i>≤</i> 25%
	METHYL ETHYL KETONE	>10- <i>≤</i> 25%
	Quartz (SiO2)	>10- <i>≤</i> 25%
	strontium chromate	>10- <i>≤</i> 25%
	cyclohexanone	>10- <i>≤</i> 25%
71-36-3	n-Butyl Alcohol	>2.5- <i>≤</i> 10%

4 First-aid measures

· Description of first aid measures

· General information:

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

• After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, 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, sand, extinguishing powder. Do not use water.
- · 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: Mouth respiratory protective device.

6 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
 Environmental precautions:

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

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). Dispose contaminated material as waste according to item 13.

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		(Contd. of page 3)
	quate ventilation.	
	h with water or aqueous cleansing agents	
	o other sections	
	7 for information on safe handling.	
	8 for information on personal protection equipment. 13 for disposal information.	
	Action Criteria for Chemicals	
• PAC-1:		
123-86-4	n-butyl acetate	5 ppm
78-93-3	METHYL ETHYL KETONE	200 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m ³
108-94-1	cyclohexanone	60 ppm
71-36-3	n-Butyl Alcohol	60 ppm
· PAC-2:		
123-86-4	n-butyl acetate	200 ppm
78-93-3	METHYL ETHYL KETONE	2700* ppm
14808-60-7	Quartz (SiO2)	33 mg/m ³
108-94-1	cyclohexanone	830 ppm
71-36-3	n-Butyl Alcohol	800 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
78-93-3	METHYL ETHYL KETONE	4000* ppm
14808-60-7	Quartz (SiO2)	200 mg/m ³
108-94-1	cyclohexanone	5000* ppm
71-36-3	n-Butyl Alcohol	8000** ppm

7 Handling and storage

· Handling:

- Precautions for safe handling 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 from heat.

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.
- Further information about storage conditions:
- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- Protect from heat and direct sunlight.

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Safety Data Sheet acc. to OSHA HCS

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• *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.

PEL La REL Sh TLV Sh 78-93-33 PEL REL Sh TLV Sh La La TLV Sh La La TLV Sh La La TLV Sh La Sh Sh Sh La Sh Sh Sh Sh Sh Sh Sh Sh Sh Sh Sh	5-4 n-butyl acetate .ong-term value: 710 mg/m³, 150 ppm 'hort-term value: 950 mg/m³, 200 ppm .ong-term value: 710 mg/m³, 150 ppm 'hort-term value: 712 mg/m³, 150 ppm .ong-term value: 238 mg/m³, 50 ppm .ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 590 mg/m³, 200 ppm .ong-term value: 0.05* mg/m³
REL Sh TLV Sh 78-93-3 REL PEL La REL Sh TLV Sh La La TLV Sh La La TLV Sh La Sh </th <th>hort-term value: 950 mg/m³, 200 ppm ong-term value: 710 mg/m³, 150 ppm hort-term value: 712 mg/m³, 150 ppm ong-term value: 238 mg/m³, 50 ppm 3 METHYL ETHYL KETONE ong-term value: 590 mg/m³, 200 ppm hort-term value: 885 mg/m³, 300 ppm ong-term value: 590 mg/m³, 200 ppm hort-term value: 590 mg/m³, 200 ppm el 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m³</th>	hort-term value: 950 mg/m ³ , 200 ppm ong-term value: 710 mg/m ³ , 150 ppm hort-term value: 712 mg/m ³ , 150 ppm ong-term value: 238 mg/m ³ , 50 ppm 3 METHYL ETHYL KETONE ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 590 mg/m ³ , 200 ppm el 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
La TLV Sh 278-93-3 PEL La REL Sh La 14808-6	ong-term value: 710 mg/m³, 150 ppm 'hort-term value: 712 mg/m³, 150 ppm ong-term value: 238 mg/m³, 50 ppm 3 METHYL ETHYL KETONE ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 590 mg/m³, 200 ppm ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 200 ppm 'hort-term value: 590 mg/m³, 200 ppm 'hort-term value: 690 mg/m³, 200 ppm Ong-term value: 590 mg/m³, 200 ppm ong-term value: 0.05 mg/m³, 200 ppm
TLV Sh 78-93-3 PEL La REL Sh La TLV Sh La TLV Sh La BH 14808-6	hort-term value: 712 mg/m ³ , 150 ppm ong-term value: 238 mg/m ³ , 50 ppm 3 METHYL ETHYL KETONE ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm BEI 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
La 78-93-3 PEL La REL Sh La TLV Sh La BH 14808-6	ong-term value: 238 mg/m ³ , 50 ppm 3 METHYL ETHYL KETONE ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 885 mg/m ³ , 200 ppm cong-term value: 590 mg/m ³ , 200 ppm Def 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
78-93-3 PEL La REL Sh La TLV Sh La BH 14808-6	3 METHYL ETHYL KETONE .ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm .ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm .ong-term value: 590 mg/m³, 200 ppm 'hort-term value: 590 mg/m³, 200 ppm .ong-term value: 0.05* mg/m³
PEL La REL Sh La TLV Sh La BH	cong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm cong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm cong-term value: 590 mg/m³, 200 ppm BEI '60-7 Quartz (SiO2) cong-term value: 0.05* mg/m³
REL Sh Lo TLV Sh Lo Bl	hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm BEI 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
La TLV Sh La Bl	cong-term value: 590 mg/m³, 200 ppm 'hort-term value: 885 mg/m³, 300 ppm cong-term value: 590 mg/m³, 200 ppm BEI '60-7 Quartz (SiO2) cong-term value: 0.05* mg/m³
TLV Sh Lo BH 14808-6	hort-term value: 885 mg/m ³ , 300 ppm ong-term value: 590 mg/m ³ , 200 ppm BEI 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
Lo BH 14808-6	ong-term value: 590 mg/m ³ , 200 ppm BEI 60-7 Quartz (SiO2) ong-term value: 0.05* mg/m ³
B1 14808-6	BEI 60-7 Quartz (SiO2) .ong-term value: 0.05* mg/m ³
14808-6	60-7 Quartz (SiO2) .ong-term value: 0.05* mg/m ³
	ong-term value: 0.05* mg/m ³
PEL Lo	
	resp. dust; 30mg/m3/%SiO2+2
	.ong-term value: 0.05* mg/m ³
	respirable dust; See Pocket Guide App. A
	ong-term value: $0.025*$ mg/m ³
	as respirable fraction
	6-2 strontium chromate
	ong-term value: 0.005 mg/m ³
	s Cr, see 29 CFR 1910.1026
	ong-term value: 0.001 mg/m ³
	s $Cr(VI)$; see Pocket Guide Apps. A +C
	hort-term value: 0.0005 mg/m ³
	ong-term value: 0.0002 mg/m ³
	s Cr; inhalable, Skin; BEI, DSEN, RSEN
	-1 cyclohexanone
	ong-term value: 200 mg/m ³ , 50 ppm
Sk	.ong-term value: 100 mg/m³, 25 ppm kin
	.ong-term value: 50 mg/m³, 20 ppm kin
71-36-3	3 n-Butyl Alcohol
PEL La	ong-term value: 300 mg/m ³ , 100 ppm
	Ceiling limit value: 150 mg/m ³ , 50 ppm
	kin
TLV Le	ong-term value: 61 mg/m ³ , 20 ppm

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-	edients with biological limit values:
78-9	3-3 METHYL ETHYL KETONE
BEI	2 mg/L
	Medium: urine
	Time: end of shift
	Parameter: MEK
778	D-06-2 strontium chromate
BEI	25 μg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Total chromium (fume)
	10 µg/L
	Medium: urine
	Time: increase during shift
	Parameter: Total chromium (fume)
108-	94-1 cyclohexanone
BEI	80 mg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: 1.2-Cyclohexanediol with hydrolysis (nonspecific, semi-quantitative)
	8 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Cyclohexanol with hydrolysis (nonspecific, semi-quantitative)
· Add	itional information: The lists that were valid during the creation were used as basis.
· Exp	osure controls
	onal protective equipment:
	eral protective and hygienic measures:
Keej	p away from foodstuffs, beverages and feed.
Imm	ediately remove all soiled and contaminated clothing.
Was	h hands before breaks and at the end of work.
Stor	e protective clothing separately.
Avoi	d contact with the eyes and skin.
	athing equipment:
	ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure us
	iratory protective device that is independent of circulating air.
· Prot	ection of hands:
	nn
1/1	Protective gloves
	Troleenie gloves
The	glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due	to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the
cher	nical mixture.
	-time of the endowned and an endowned and the second state time of the second state of the
Sele	ction of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Sele • Mat	ction of the glove material on consideration of the penetration times, rates of alfjusion and the degradation erial of gloves selection of the suitable gloves does not only depend on the material, but also on further marks of quality an

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.

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• **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection:



Tightly sealed goggles

Information on basic physical and o	chemical properties
General Information	
Appearance:	
Form:	Liquid
Color:	Yellow
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	79 °C (174.2 °F)
Flash point:	-6 °C (21.2 °F)
Flammability (solid, gaseous):	Not flammable.
Ignition temperature:	370 °C (698 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.
Explosion limits:	
Lower:	1.2 Vol %
Upper:	11.5 Vol %
Vapor pressure at 20 °C (68 °F):	105 hPa (78.8 mm Hg)
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/wat	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.

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		(Contd. of page
· Solvent content:		
Organic solvents:	51.4 %	
VOC content:	51.35 %	
	513.5 g/l / 4.29 lb/gal	
Solids content:	0.0 %	
• 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.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

108-94-1 cyclohexanone

Oral	LD50	1,535 mg/kg (rat)
Dermal	LD50	948 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/l (rat)

• Primary irritant effect:

• on the skin: Irritant to skin and mucous membranes.

- on the eye: Irritating effect.
- 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.

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
14808-60-7	Quartz (SiO2)	1
7789-06-2	strontium chromate	1
108-94-1	cyclohexanone	3
	nal Toxicology Program)	
	Quartz (SiO2)	K
7789-06-2	strontium chromate	K
		(Contd. on page 9)

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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.
- · Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:
- Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies.

- Toxic for aquatic organisms • Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · **FBI**: Not applicable.
- **vPvB:** Not applicable.
- \cdot 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	
· DOT, ADR, IMDG, IATA	UN1263
· UN proper shipping name	
DOT	Paint
·ADR	1263 PAINT, ENVIRONMENTALLY HAZARDOUS
·IMDG	PAINT (strontium chromate), MARINE POLLUTANT
·IATA	PAINT

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Transport hazard class(es)	
DOT	
RUMUSE FUCID	
3	
· Class	3 Flammable liquids
Label	3 3
ADR, IMDG	
Class	3 Flammable liquids
Label	3
IATA	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, IMDG, IATA	II
Environmental hazards:	Product contains environmentally hazardous substances: strontiu
Marine rellectant.	chromate Symbol (fish and tree)
Marine pollutant: Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
Special precautions for user Danger code (Kemler):	Warning: Flammable liquids 33
EMS Number:	F-E,S-E
Stowage Category	B
Transport in bulk according to Annex	II of
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
ADR	
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
IMDG	51
Limited quantities (LQ)	5L
	(Contd. on page 1

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· 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, 3, II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

	e ingredients is listed.		
• Section 31	3 (Specific toxic chemical listings):		
	METHYL ETHYL KETONE		
7789-06-2	strontium chromate		
71-36-3	n-Butyl Alcohol		
· TSCA (Tox	cic Substances Control Act):		
	-2 (Fatty acids, C18-unsatd, dimers, polymers with bisphenol A, epichlorohydrin and 1,1- methylenebis(4-isocyanatobenzene)) Epoxy terminated urethane w/diphenyl methane dii	ACTIV	
123-86	-4 n-butyl acetate	ACTIV	
78-93-3 METHYL ETHYL KETONE		ACTIV	
14808-60	-7 Quartz (SiO2)	ACTIV	
7789-06	-2 strontium chromate	ACTIV	
108-94-1 cyclohexanone		ACTIV	
71-36	-3 n-Butyl Alcohol	ACTIV	
· Hazardous	Air Pollutants		
7789-06-2	strontium chromate		
· Proposition	n 65		
· Chemicals	known to cause cancer:		
14808-60-2	7 Quartz (SiO2)		
7789-06-2	2 strontium chromate		
	2 strontium chromate known to cause reproductive toxicity for females:		
· Chemicals			
• Chemicals 7789-06-2	known to cause reproductive toxicity for females:		
• Chemicals 7789-06-2 • Chemicals	known to cause reproductive toxicity for females: strontium chromate		
• Chemicals 7789-06-2 • Chemicals 7789-06-2	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males:		
 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals Chemicals 	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males: strontium chromate		
 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals 7789-06-2 7789-06-2 	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males: strontium chromate known to cause developmental toxicity: strontium chromate		
 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals 7789-06-2 Carcinoge 	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males: strontium chromate known to cause developmental toxicity: strontium chromate nic categories		
 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals 7789-06-2 Carcinoge EPA (Envi 	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males: strontium chromate known to cause developmental toxicity: strontium chromate		
 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals 7789-06-2 Chemicals 7789-06-2 Carcinoget EPA (Envi 78-93-3 	known to cause reproductive toxicity for females: strontium chromate known to cause reproductive toxicity for males: strontium chromate known to cause developmental toxicity: strontium chromate inc categories ronmental Protection Agency)	BD(oral	

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· TLV (Three	shold Limit Value established by ACGIH)	
14808-60-7	V Quartz (SiO2)	A2
7789-06-2	strontium chromate	A2
108-94-1	cyclohexanone	A3
· NIOSH-Ca	(National Institute for Occupational Safety and Health)	
14808-60-7	Quartz (SiO2)	
7700.06.2		

7789-06-2 strontium chromate

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



· Signal word Danger

· Hazard-determining components of labeling: cyclohexanone strontium chromate *n*-butyl acetate Quartz (SiO2) · Hazard statements Highly flammable liquid and vapor. Harmful if swallowed. Causes serious eye irritation. May cause cancer. May cause drowsiness or dizziness. · Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

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Trade name: MILBOND PRIMER KIT

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

· National regulations:

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. *Exceptions can be made by the authorities in certain cases.*

· 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.

· Date of preparation / last revision 07/11/2019 / -

· Abbreviations and acronyms: 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 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Carc. 1A: Carcinogenicity - Category 1A STOT SE 3: Specific target organ toxicity (single exposure) - Category 3