

# SAFETY DATA SHEET(AS INK)


Securit CHALKMARKER SDS 1/6

Date: 23/04/2024  
ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008  
(CLP) & 453/2010

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	Product identifier	
	Product Name / Product Number	CHALKMARKER 2-6 mm with plain doz. Box Securit CHALKMARKER 2-6 mm in bulk Securit CHALKMARKER 7-15 mm / PMA-510D/SE/PMA-720/SE
	CAS No.	Mixture.
	EINECS No.	Mixture.
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Identified Use(s)	
	Uses Advised Against	Drawing
1.3	Details of the supplier of the safety data sheet	None known.
	Company Identification	
	Telephone	
	Fax	
	E-Mail (competent person)	
1.4	Emergency telephone number	
	Languages spoken	

## SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
2.1.1	Regulation (EC) No. 1272/2008 (CLP)	Skin Sens. 1A
2.2	Label elements	
	Product Name	Securit CHALKMARKER 2-6 mm with plain doz. Box Securit CHALKMARKER 2-6 mm in bulk
	Hazard Pictogram(s)	
	Signal Words	Warning
	Hazard Statement(s)	H317 May cause an allergic skin reaction
	Precautionary Statement(s)	P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P321 Specific treatment. P362+P364 Take off contaminated clothing and wash it before reuse.
2.3	Other hazards	EUH211 Warning! Dangerous droplets may be formed when sprayed. See information supplied by the manufacturer. Comply with the safety instructions.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Not applicable

3.2 Mixtures Substances in preparations / mixtures  
EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Titanium dioxide	< 40	13463-67-7	236-675-5	None assigned.	Not Classified.
Isopropyl alcohol	< 0.5	67-63-0	200-661-7	None assigned.	Flam. Liq. 2: H225 STOT SE 3: H336 Eye Irrit. 2: H319
Ethanol	<2.0	64-17-5	200-578-6	None assigned.	Flam. Liq. 2: H225
1,2-benzisothiazol-3(2H)-one	<0.05	2634-33-5	220-120-9	None assigned.	Acute Tox. 4 *: H302 Skin Irrit. 2: H315 Eye Dam. 1: H318 Skin Sens. 1: H317 Aquatic Acute 1: H400
2-octyl-2H-isothiazol-3-one	<0.005	26530-20-1	247-761-7	None assigned.	Acute Tox. 2 : H330 Acute Tox. 3 : H311 Acute Tox. 3 : H301 Skin Corr. 1: H314 Eye Dam. 1 : H318 Skin Sens. 1A: H317 Aquatic Acute 1 : H400 Aquatic Chronic 1: H410

3.3 Additional Information  
For full text of H/P phrases see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove the victim to the fresh air area. If feel bad, see a doctor.
Skin Contact	Put off the all polluted clothes immediately. Clean with the proper temp. and slow flowing water for over 15 minutes. If have irritate the skin, see a doctor. Call a doctor if feel bad. Before re-use the put off clothes, clean it up and remove the pollution.
Eye Contact	Put off the contacts if possible, and continue to clean. Clean the eyes carefully for a few minutes. If the eyes get this product, clean the eye immediately and wash away completely. If the cleaning eyes not enough, it may cause irreversible eye damage. If irritate to the eyes continue, see a doctor.
Ingestion	Call a doctor, if feel bad. Rinse the mouth out. Do not have the victim vomit.
Expected acute symptom and late symptom	Sialorrhea, face flash, cough, dizzy, lethargy, headache, sore throat, deliquim animi barf, vomition

4.2 Most important symptoms and effects, both acute and delayed  
No data

4.3 Indication of any immediate medical attention and special treatment needed  
Rescuer must wear proper protective equipment according to the situation. Symptom will appear later, so that if the patient exposed excessively, it needs medical follow progress.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	Small fire / Carbon dioxide, dry chemical extinguishing media, water spray, alcoholic resistance foam.
Unsuitable extinguishing Media	Water spray, mist water, alcoholic resistance form. Cylindrical pouring water.

5.2 Special hazards arising from the substance or mixture  
The irritative, toxicity and corrosive gas is generated by fire. The container will be burst by heating. If it is not dangerous, move the container from the fire area.  
  
If it is impossible to move, cool the container and around by spraying water. After extinguishing a fire, cool the container completely by large quantity of water.

5.3 Advice for fire-fighters  
For fighting fire, wear compressed air open-circuit SBCA and protect equipment for chemical. Fight a fire from up wind.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	<p>The worker must wear proper protector (refer to section 8) not to get the paint on the skin or into eyes. Do not touch the leakage material or walk into it.</p> <p>Keep the proper distance in all direction as the leakage area immediately. No unauthorized entry. If leakage but not occur a fire, wear the occlusive and impervious protect wear. Stay in the wind. Move away from the low ground.</p> <p>Ventilate before enter the sealed area.</p>
6.2	Environmental precautions	<p>Prevent from influx into the drain ditch, sewer, basement and closed area. Take notice not to affect the environment by discharge the paint into the river.</p>
6.3	Methods and material for containment and cleaning up	<p>Collect Neutralization: In small quantity case, absorb the leakage material by dry sand and nonflammable material or collect it in the sealed type container then dispose it. In small quantity case, collect the absorbed material by clean antistatic tools. In large quantity case, yard the leakage material by mound to prevent flow out and lead it into safety area then collect it. In large quantity case, water spray lower the steam temperature but it may not inhibit combustion at the sealed area.</p> <p>Containment or Depurant and Equipment: If it is not danger, stop the leakage.</p> <p>Ground all equipment which need for handle the leakage material. Use steam retard foam for lower the steam concentration.</p> <p>Precaution of Second Disaster: Clear away all ignition source immediately (Do not smoking near around, forbid firework and flame).</p> <p>In case large steam generating, retard it by mist spray. Call related agency and ask the help.</p>
6.4	Reference to other sections	<p>See Section: 8, 13</p>

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	<p>Do the equipment measure described on the section 8 and wear protector. Do the local exhaust ventilation and whole ventilation described on section 8.</p> <p>Prevent leakage the liquid and steam as possible.</p> <p>This product irritate the eyes so that care not to get it into the eyes. This product may cause sleep or vertigo, irritate the apparatus respiratorius and damage organ parts so that do not touch, inhale and swallow it. Do not fall, drop, shock or drag the container. Clean hands well after use this product.</p> <p>Use this product outside or well ventilated area only. Avoid touching, refer to the section10.</p> <p>Keep away from high temperature materials spark and fire, and avoid touching oxidizer and organic peroxide.</p>
7.2	Conditions for safe storage, including any incompatibilities Storage	<p>Keep the container airtight and stock it in well ventilated place. Stock in the fulfilled and ventilated and cool place. Keep away from oxidant. Keep away from direct sunlight and fire. The inventory location must be fire-proof construction and the floor must be impermeable to prevent permeate the basement and spill to outside. Lock up the container.</p> <p>Dangerous goods if mixed: Refer to the section 10.</p> <p>Container material: Use the container regulated by fire law and UN transportation law.</p>
7.3	Specific end use(s)	<p>See Section: 1.2</p>

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Name	ACGIH (TLV)
Titanium dioxide	10 mg/m <sup>3</sup>
Isopropyl alcohol	200 ppm
Ethanol	1000 ppm
1,2-benzisothiazol-3(2H)-one	No data
2-octyl-2H-isothiazol-3-one	No data

8.1.2 Biological limit value

8.1.3 PNECs and DNELs

8.2 Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Skin protection

8.2.3 Environmental Exposure Controls

No data

No data

Install the eye washing devices and safety shower where handle or stock this product.

Wear proper respiratory protect equipment such as gas mask for organic gas (if high concentration, wear air-supplied respirator).

Check the protect equipment regularly with check sheet.

Wear the eye protector designated by manufacturer.

Wear the gloves designated by manufacturer.

Wear protect boots, oil resistant apron (impermeable and antistatic) and protect clothes (antistatic) designated by manufacturer.

Clean hands well after use this product.

No data

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	liquid
	Odour	Odourless
	Odour Threshold	No data
	pH	No data
	Melting Point/Freezing Point	No data
	Initial boiling point and boiling range	Approx. 100°C
	Flash Point	No data
	Evaporation Rate	No data
	Flammability (solid, gas)	No data
	Upper/lower flammability or explosive limits	No data
	Vapour pressure	No data
	Vapour density	No data
	Relative density	No data
	Solubility(ies)	No data
	Partition coefficient: n-octanol/water	No data
	Auto-ignition temperature	No data
	Decomposition Temperature	No data
	Viscosity	No data
	Explosive properties	No data
	Oxidising properties	No data
9.2	Other information	
	Specific gravity (20°C)	No data

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	No data
10.2	Chemical stability	Under usually storage condition, it is stable.
10.3	Possibility of hazardous reactions	No data
10.4	Conditions to avoid	No data
10.5	Incompatible materials	No data
10.6	Hazardous decomposition product(s)	Generates harmful gas such as carbon monoxide and carbon dioxide.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects (Substances in preparations / mixtures)	
	Acute toxicity	Not Classified.
	Ingestion	Not Classified.
	Inhalation	Not Classified.
	Skin Contact	Not Classified.
	Skin corrosion/irritation	Not Classified.
	Serious eye damage/irritation	Not Classified.
	Respiratory or skin sensitization	Skin Sens. 1A (2-octyl-2H-isothiazol-3-one : 0.0015%< C <0.005%)
	Germ cell mutagenicity	Not Classified.
	Carcinogenicity	Not Classified.
	Reproductive toxicity	Not Classified.
	STOT - single exposure	Not Classified.
	STOT - repeated exposure	Not Classified.
	Aspiration hazard	Not Classified.

11.2 Other information

Name	IARC	OTHER
Titanium dioxide	2B	LD50(oral, rat) > 5000 mg/kg
Isopropyl alcohol	No data	LD50 (oral, rat) 4384 mg/kg
Ethanol	1A	LD50(oral, rat) 6200 - 17800 mg/kg
1,2-benzisothiazol-3(2H)-one	No data	LD50(oral, rat) 900 - 1200 mg/kg
2-octyl-2H-isothiazol-3-one	No data	LD50(oral, rat) 355 - 794 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	No data
12.2	Persistence and degradability	No data
12.3	Bioaccumulative potential	No data
12.4	Mobility in soil	No data
12.5	Results of PBT and VPVB assessment	No data
12.6	Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Residue Waste: For dispose, follow the related regulation and standard of local governments. Ask the licensed industrial waste disposal company or local governments.  For Burning: Spray the incinerator with waste liquid directly or mix with flammable solvent in small quantity to burn. Activated sludge process.
13.2	Additional Information	Polluted container and package: Clean the container and recycle or treat it in accordance with the related regulation or local governments. If dispose the container, remove the content completely.

SECTION 14: TRANSPORT INFORMATION

14.1	UN number	Not applicable.
14.2	UN proper shipping name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	See Section: 2
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8	Additional Information	Common: Please follow the section7. Check if there are no leakage from container and take cargo without falling, dropping and damage.  Land Transportation: In case of fall under the Fire Law, Industrial Safety and Health Law, Poisonous Material Control Law follow each relevant mode of transportation.  Marine Transportation: Please follow the Law for Safety of Vessel. Air Transportation: Please follow the Aviation Law and regulation of ICAO.

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SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Regulatory information with regard to this substance in your country or region should be examined by your own responsibility	
15.1.1	EU regulations		
	Candidate List of substances of very high concern for Authorisation	Not applicable.	
	Authorisations and/or Restrictions On Use	Not applicable.	
	CoRAP Substance Evaluation	Not applicable.	
15.1.2	National regulations	Outline of Hazardous Material Regulation in Japan.	
	Japan	Industrial Safety and Health Law: Notice object goods (Article 57, section 2, Enforcement regulation 18-21, appendix 9.)	
		Fire Law:	N/A
		Law for Safety of Vessel:	N/A
		Aviation Law:	N/A
15.2	Chemical Safety Assessment	Not applicable.	

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

References:

- Raw material manufacturer SDS
- Table 3.1 of Annex VI to the CLP Regulation

LEGEND

TLV	Threshold Limit Value
DNEL	Derived No Effect Level
PNEC	PNEC Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bio-accumulative
Flam. Liq. 2	Flammable Liquid Category 2
Acute Tox.3	Acute Toxicity - Oral Category 3
Acute Tox.4	Acute Toxicity - Oral Category 4
Skin Corr.1B	Skin Corrosion / Skin Irritation Category 1B
Skin Irrit.2	Skin Corrosion / Skin Irritation Category 2
Eye Dam.1	Eye Damage / Eye Irritation Category 1
Eye Irrit. 2	Eye Damage / Eye Irritation Category 2
Skin Sens.1	Sensitization - Skin Category 1
STOT SE 3	Specific Target Organ systemic Toxicity (Single Exposure) Category 3
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Chronic Hazard 1
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

The description content of this data sheet is based on the documentation, information and data that we can garner at the present moment so that it might be change depend on new information. And it is recommend for usual handling so that in case of special handling, use it before take safety measure that suitable for your application and usage.

The description content is information service and not certification.

Annex to the extended Safety Data Sheet (eSDS)

Not available.