



	SCREEN STRIP 1:50 Code: 2360SCST50	
1. IDENTIFICATION OF THE PRODUCT AND COMPANY		
1.1 Product description:	SCREEN STRIP 1:50 + 1.20 Code: 2360SCST50	
1.2 Intended uses:	Reclaimer screen printing emulsion. Only for industrial use.	
1.3 Company:	KOPIMASK, S.A. Industria, 28 - P.I. Can Cortés - E-08184 - Palau-Solità i Plegamans (Barcelona) Phone: +34 93 8639350 - Fax: +34 93 8649434 - e-mail: kopimask@kopimask.es	
1.4 Emergency phone number:	+34 93 8639350	
2. COMPOSITION/INFORMATION ON INGREDIENTS		
2.1 Chemical description: Solution of chemicals in aqueous media.		
2.2 Dangerous ingredients: Substances taking part in a percentage higher than the exemption limit:		
10 < 25 % Sodium methaperiodate	EC 232-197-6 CAS 7790-28-5	Autoclassified
<input checked="" type="checkbox"/> O:R8 Xn:R22		
< 2,5 % Nitric acid	EC 231-714-2	Index No. 007-004-00-1
<input checked="" type="checkbox"/> O:R8 C:R35	CAS 7697-37-2	ATP12
For more information, see sections 8, 11, 12 and 16.		
3. IDENTIFICATION OF HAZARDS		
3.1 EC classification:	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Xi:R36/38
3.2 Adverse effects: Irritating to eyes. Irritating to skin.		
4. FIRST AID MEASURES		
When in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.		
4.1 By inhalation: Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives.		
4.2 By contact with the skin: Remove contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and a solution of 5% sodium bicarbonate. Finally, rewash the affected area with soap and water.		
4.3 By contact with eyes: Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.		



	SCREEN STRIP 1:50 Code: 2360SCST50	
7. HANDLING AND STORAGE		
7.1 Handling precautions: Comply with the health and safety at work laws.		
- General recommendations: Handle with care, avoiding any discharge. Avoid any type of leakage or escape. Keep the container tightly closed.		
- Recommendations for the prevention of fire and explosion risks: Not applicable.		
- Recommendations for the prevention of toxicological risks: Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.		
7.2 Storage conditions: Prevent unauthorized access. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. Due to its corrosive properties, extreme precaution in the selection of materials for pumps, packages and lines should be taken. The floor must be waterproof and corrosion resistant, with a canal system allowing the liquid to be channelled towards a neutralising pit. The electrical equipment must be made of non-corrodible materials.		
- Class of store : According to current legislation.		
- Maximum storage period : 24. months		
- Temperature interval : min: 5. °C, max: 35. °C		
- Conditions to avoid: - Light: Not applicable.		
- Incompatible materials: Not applicable.		
- Type of packaging: According to current legislation.		
7.3 Specific uses: For the use of this product do not exist particular recommendations apart from that already indicated.		






	SCREEN STRIP 1:50 Code: 2360SCST50	
4.4 By ingestion: If swallowed, seek immediate medical attention. Drink large quantities of water. Do not induce vomiting, due to the risk of perforation. Keep the patient at rest.		
5. FIRE-FIGHTING MEASURES		
Not combustible. In the case of fire in the surroundings, all extinguishing agents are allowed.		
6. ACCIDENTAL RELEASE MEASURES		
6.1 Personal precautions: Avoid direct contact with this product. For exposure controls and personal protection measures, see section 8.		
6.2 Environmental precautions: Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.		
6.3 Cleaning-up methods: Contain and mop up spills with absorbent materials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc.). Transfer to a suitable container for recovery or elimination. Neutralize with carbonate or sodium bicarbonate. Keep the remains in a closed container. Finally, clean up the area with plenty of water. For subsequent waste disposal, follow the recommendations in section 13.		



	SCREEN STRIP 1:50 Code: 2360SCST50	
8. EXPOSURE CONTROLS/PERSONAL PROTECTION 98/24/EC		
8.1 Occupational Exposure Limits (TLV)		
AGCIH 2006	TLV-TWA ppm mg/m ³	TLV-STEL ppm mg/m ³ Year
Sodium methaperiodate	10.	Inhale powder
Nitric acid	2.0 5.2	4.0 10. 1976
TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit.		
8.2 Occupational exposure controls, Directive 89/686/EEC: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.		
- Protection of respiratory system: - Mask: No.		
- Protection of eyes and face: Install emergency eye baths close to the working area. - Goggles: Safety goggles for chemicals, with suitable lateral protection (EN166). - Face shield: No.		
- Protection of hands and skin: Install emergency showers close to the working area. Barrier creams may help to protect the exposed areas of the skin. - Gloves: Neoprene rubber gloves (EN374). The breakthrough time of the selected glove material should be superior to the pretended period of use. The gloves should be immediately replaced when any sign of degradation is noted. - Boots: No. - Apron: No. - Clothing: Yes.		
8.3 Environmental exposure controls: Avoid any spillage in the environment.		



	SCREEN STRIP 1:50 Code: 2360SCST50	
9. PHYSICAL AND CHEMICAL PROPERTIES		
- Physical state	: Liquid.	
- Colour	: Colourless.	
- Odour	: Characteristic.	
- pH	: 1. at 20°C	
- Specific gravity	: 1.17 g/cc at 20°C	
- Solids	: 15.6 % Weight	3 h. 105°C
- Solubility in water	: Miscible	
- Flash point	: Not flammable	
- Boiling point	: 83. °C at 760 mmHg	
- Decomposition temperature	: 175. °C	
- Vapour pressure	: 17.5 mmHg at 20°C	
For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.		
10. STABILITY AND REACTIVITY		
10.1 Conditions to avoid: Stable under recommended storage and handling conditions.		
10.2 Materials to avoid: No dangerous reactions are known.		
10.3 Thermal decomposition: No product of decomposition is dangerous if stored and handled properly.		
11. TOXICOLOGICAL INFORMATION		
No experimental toxicological data on the preparation is available.		
11.1 Toxicological effects: - Irritating to skin. Skin contact can cause allergic reactions. Irritating to eyes. Some symptoms may not be immediate.		
11.2 Dose and lethal concentrations for individual ingredients : Sodium methaperiodate	DL50 Oral mg/kg 281. Rat	DL50 Cutaneous CL50 Inhalation mg/kg mg/m ³ .4hours
For more information, see sections 2 and 8.		

	SCREEN STRIP 1:50 Code: 2360SCST50	
12. ECOLOGICAL INFORMATION		
No experimental ecotoxicological data on the preparation as such is available.		
12.1 Spills on the soil: Prevent contamination of soil.		
12.2 Spills in water: Because of its acidity, it is harmful to aquatic organisms. Do not allow to escape into drains, sewers or water courses. - Biodegradability: Not applicable.		
12.3 Emissions to the atmosphere: Not applicable.		
12.4 Ecotoxicological data for individual ingredients : Sodium methaperiodate Nitric acid	CL50 mg/l.96hours	CE50 mg/l.48hours 80. Daphnia
	72. Fishes	CE50 mg/l.72hours
13. CONSIDERATIONS FOR DISPOSAL		
13.1 Handling of waste, Directive 75/442/EEC-91/156/EC: Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.		
13.2 Disposal of empty containers, Directive 94/62/EC: Emptied containers and packaging should be disposed of in accordance with currently local and national regulations.		
13.3 Procedures for neutralising or destroying the product: Authorised landfill in accordance with local regulations.		

	SCREEN STRIP 1:50 Code: 2360SCST50	
14. TRANSPORT INFORMATION		
14.1 Transport by road, Directive 94/55/EC (ADR 2007): Transport by rail, Directive 96/49/EC (RID 2007):		
	:	Free
14.2 Transport by sea (IMDG 33-06):		
	:	Free
14.3 Transport by air (ICAO/IATA 2007):		
	:	Free
15. INFORMATION ON REGULATIONS		
15.1 EC Labelling: Xi		
		
This product is labelled as IRRITANT in accordance with Directive RD.363/1995 (67/548/CEE) and 1999/45/EC-2001/60/EC		
R36/38	Irritating to eyes and skin.	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
S29	Do not empty into drains.	
S37/39	Wear suitable gloves and protection for eyes, face.	
S51	Use only in well-ventilated areas.	
- Dangerous ingredients:	Nitric acid	
15.2 Restrictions to the marketing and use in accordance with Directive 76/769/EEC: Not applicable.		
15.3 Other EC regulations: Not applicable		
15.4 Other regulations: Not available		

	SCREEN STRIP 1:50 Code: 2360SCST50	
16. OTHER INFORMATION		
Text of R-phrases listed in section 2: R8 Contact with combustible material may cause fire. R22 Harmful if swallowed. R35 Causes severe burns.		
Material Safety Data Sheet regulations: Material Safety Data Sheet in accordance with Directive 91/155/EEC-2001/58/EC.		
History: Version: 8	Revision date: 31/05/2007	Date of issue: 29/11/2007
The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.		