

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Type	Short Alkyd	CAS#	Not applicable
Product Name	SURFACER 1 K	DSL	All ingredients are on DSL list.
Product Code		TSCA	All ingredients are on TSCA list.
Synonym	None	<u>In case of Emergency</u>	
Chemical Name	Not applicable	Call: + 2034625400	
Chemical Family	Aromatic	+ 2034625399	
Chemical Formula	Not applicable		
Manufacturer	ZURECHEM FOR COATINGS		
Address	New Borg El Arab City 2ND Industrial Zone Alexandria – Egypt		

2.COMPOSITION / INFORMATION ON INGREDIENTS

Information on hazardous ingredients

Ingredient(s)	% W/W	CAS- number	OEL- value	
			Ppm	Mg/m3
Xylene	20 – 30	1330-20-7	100.0	435.0
n.butyl acetate	10 – 25	123-86-4	150.0	710.0
Methoxy propylacetate-2	2.5 – 10	108-65-6	100.0	360.0

3.First aid measures

General

In all cases of doubt, or when symptoms persist, seek medical. Never give anything by mouth to an unconscious person.

Inhalation

Make sure that person is removed to fresh air, kept calm warm and covered. If breathing is irregular or stopped, administer artificial respiration give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye

Contact lenses must be removed, rinse immediately for at least 10 minutes with plenty of fresh water. Call a physician immediately.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser Do NOT use solvents or thinners.

Ingestion

If swallowed, seek medical advice immediately and show the container label or this sheet. Keep at rest. Do NOT induce vomiting.

4.FIRE-FIGHTING MEASURES

Extinguishing media

Recommended alcohol-resistant foam, CO2, powder, water spray unsuitable extinguishing media: water jet

Recommendations

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Appropriate breathing apparatus. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

5.ACCIDENTAL RELEASE MEASURES

Personal precautions

Exclude sources of ignition and ventilate the area. Avoid breathing Vapours; wear appropriate. refer to protective measures listed in sections 7 and 8. exclude non-essential personnel. methods for cleaning up.

Contain and collect spillage with non-combustible absorbent materials e.g. sand earth diatomaceous earth. Place in container for disposal according to local regulations. Clean preferably with a detergent: avoid use of solvent.

6.HANDLING AND STORAGE

Handling

Vapours are heavier than air and may spread along floors. Vapours may explosive mixtures with air. Provide adequate ventilation. Avoid vapour concentration higher than occupational exposure limit. Avoid inhalation of vapour and spray mist. Avoid skin and eye contact.

Keep away from sources of ignition – No smoking. Use explosion protected equipment. Apply earthing when transferring from one container to another. Wear antistatic footwear and clothing. floors should be of the conducting type. Keep container tightly closed. Keep product and emptied container away from heat and sources of ignition. No tools with a potential for sparks should be used. Do not eat, drink or smoke in application area. Comply with the health and safety at work laws. Keep only in the original container. For personal protection see section 8. container is not a pressure vessel: never use pressure to empty.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

The manual Handling Operations (may) apply to the handling of containers/ packages of this product.

Storage

Store in accordance with local/national regulations. Observe label precautions.

Storage temperature: > 5 and < 30 °C

Store in a dry well ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition- No smoking. Keep away from oxidizing agents, from strong alkaline and acid materials. Prevent unauthorized access. Containers which are opened must be carefully resealed. Keep container upright to prevent solvent leakage.

The principles contained in the HSE guidance note storage of packaged dangerous, should be observed when storing this product.

a) Flash point below 21 °C and the product subject to the petroleum (consolidation) Act.

Store in accordance with the license which is necessary under the petroleum (Consolidation) Act.

b) Flash point below 32°C (excluding a) above).

The storage and use of this product is subject to the requirements of the highly flammable liquids and liquefied petroleum Gases Regulations. Up to 50 liters of such highly flammable liquids may be kept in a work room provided they are kept in a fire-proof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural regulations. Further guidance is contained the HSE guidance note storage of Flammable liquids in containers.

c) Flash point above 32 °C

although the storage of this product is not subject to the specific statutory requirements the principles contained in the HSE guidance notes storage of Flammable Liquids in containers, should be observed.

7.EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate ventilation. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent Vapours below the Occupational Exposure Limits, suitable respiration must be worn.

Lower explosion limit (LEL): 1.0

Limit (LEL):

MVR: 1400

10 % LEL 165

Minimum ventilation requirement in m³ air / liter paint to keep below OEL of the product

10 % LEL = Amount in m³ air / liter paint to keep below 10 % of the LEL

Personal protection

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the respiratory

When workers are facing concentrations above the exposure limit they must use appropriate certified respiratory.

Air-fed respiratory protective equipment must be worn when this product is sprayed. Other people nearby should be similarly protected if exposure cannot be controlled to below the OEL and engineering controls and methods cannot reasonably be improved.

Skin

Barrier creams may be help to protect the exposed areas of the skin but are not substitutes for full physical protection. Barrier creams should not be applied once exposure has occurred. Personnel should wear antistatic clothing made of natural fiber or of high temperature resistance synthetic fiber all parts of the body should be washed after contact.

Eye

Use safety glasses designed to protect against liquid splashes.

8. Physical and Chemical properties

Physical state	Clear liquid with		
Boiling point/ rage:	116	Flash point	25
Autoignation temp	270	Specific gravity	0.88
Ability In water	Not applicable		

9. Stability And Reactivity

Stable under recommended storage and handling conditions (see section 6). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxides, smoke or nitrogen oxides. Keep away from oxidizing agents, strong alkaline and acid materials to avoid exothermic reactions.

10. Toxicological Information

No experimental toxicological data on the preparation as such available for detailed information on the ingredients (see section 2)

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness repeated or prolonged contact with preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin liquid splashes in the eyes may cause irritation and reversible damage.

11. Ecological information

There is no ecological data on the product itself.

The air pollution control requirements of regulations made under the environmental protection act may apply to the use of this product.

12. Disposal Considerations

Do not into drains or water courses or dispose of where ground or surface waters may be affected. Waster, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the control of pollution act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the waste regulation Authority whether the special waste regulations apply.

13. TRANSPORT INFORMATION

Land

ADR/RID/GGVS

Class : 3 Item: 31C Label: 3 UN number : 1263

Transport name :

Sea

IMDG/GGV See

Class : 3.3 Packing group: III Un number : 1263 3

EMS : 3-05 MFAG: 0310 Marine pollutant : no

Proper shipping name :

Air

IATA/ICAO

Class : 3 Packing group: III Un number : 1263 3

Proper shipping name :
