

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Type	Hammraite	CAS#	Not applicable
Product Name	Zurechem Hammraite	DSL	All ingredients are on DSL list.
Product Code		TSCA	All ingredients are on TSCA list.
Synonym	None	In case of Emergency	
Chemical Name	Not applicable	Call:	002034625400
Chemical Family	Aromatic		002034625399
Chemical Formula	Not applicable	Material Uses: Industrial Applications; used for painting cars.	
Manufacturer	Zurechem coating		
Address	New Borg EL- Arab City - 2 nd industrial Zone Alexandria – Egypt		

2.COMPOSITION / INFORMATION ON INGREDIENTS

Information on hazardous ingredients

Hazardous ingredient	Percent Weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
Xylene-mixed isomers	5-10 %	1330-20-7	5.1	100ppm	100ppm	4300	>1700	5000	1.0
Butanol	2-5 %	71-36-3	5.5	n.av.	100ppm	790	3400	8000	1.7
Butyl Acetate	30-60%	123-86-4	8.0	150ppm	150ppm	10768	17600	2000	1.7

3.FIRST AID MEASURES

General

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to any.

Inhalation

Make sure that person is removed to fresh air, Asthma like conditions may be immediate or develop with in several hours. Treat symptomatically.

Eye contact

Contact lenses must be removed, flush with plenty of water for minimum 15 minutes. Consult a physician immediately. Call a physician immediately.

Skin contact

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

Ingestion

Drink some water, seek medical advice immediately and show the container label or this sheet. Keep at rest. Do NOT induce vomiting. Treat symptomatically.

4.FIRE-FIGHTING MEASURES

Extinguishing media

Foam, CO₂, powder, water or spray. Do not use water jet or stream.

Recommendations

Keep containers tightly closed; keep away from heat, electrical equipment's, sparks and open flame. Fire will produce smoke containing hazardous products of combustion. Obtain medical attention.

5.ACCIDENTAL RELEASE MEASURES

Personal precautions

Exclude sources of ignition and ventilate the area. Avoid breathing vapors; wear appropriate. Exclude non-essential personnel. methods for cleaning.

Remove 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 solution; avoid use of solvent.

6. HANDLING AND STORAGE

Vapors are heavier than air and may spread along floors. Vapours may be explosive mixtures with air. Provide adequate ventilation. Avoid vapor concentration higher than occupational exposure limit. Avoid inhalation of vapor 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 vapor 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 vapor concentration has fallen below the exposure limits.

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

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 leakage.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate ventilation. When ventilation is not sufficient and personnel is inside the spray booth, use positive pressure air respiratory equipment to decrease vapor concentration below exposure limits.

Lower exposure limit (LEL): 1.0

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

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 contact

Barrier creams may 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 contact

Use safety glasses designed to protect against liquid splashes.

8. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Colored liquid		
Boiling point/ range:	112 - 129 °C	Flash point	27 °C
Autoignition temp	407 °C	Specific gravity	0.95 ± 0.1 gm/cm ³
Miscibility with 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 vapor 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 dispose where ground or surface waters may be affected. Wasters, including emptied containers, should be disposed 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

Ground Shipment

ADR/RID/GGVS

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

Proper Shipment name: Paint

Ocean Shipment

IMDG/GGV See

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

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

Proper Shipment name: Paint

Air Shipment

IATA/ICAO

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

Proper Shipment name: Paint
