

SAFETY DATA SHEET

Hi Temperature Texpen Leaded

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Hi Temperature Texpen Leaded
 APPLICATION Paint Marker
 SUPPLIER Aztec Chemicals
 Gateway
 Crewe
 Cheshire
 CW1 6YY
 + 44 (0) 1270 655500 (T)
 After hrs 0831300868
 + 44 (0) 1270 655501 (F)

2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation and in contact with skin. Danger of cumulative effects. Irritating to respiratory system and skin. Limited evidence of a carcinogenic effect. May cause harm to the unborn child. Possible risk of impaired fertility. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Rep 1;R61. Xn;R20/21. Carc 3;R40, Rep 3;R62. Xi;R37/38. N;R51/53. R10, R33.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	5-10%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
AROMATIC HYDROCARBON	265-199-0	64742-95-6	30-60%	Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
C.I.PIGMENT RED 104 (C.I. 77605)	235-759-9	12656-85-8	5-10%	Carc3;R40 Repr1;R61 Repr3;R62 R33 N;R50/53
C.I.PIGMENT YELLOW 34 (C.I. 77603)	215-693-7	1344-37-2	10-30%	Carc3;R40 Repr1;R61 Repr3;R62 R33 N;R50/53
XYLENE	215-535-7	1330-20-7	30-60%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove contaminated soaked clothing immediately. If you feel unwell, seek medical advice.

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. If risk of water pollution occurs, notify appropriate authorities. Use supplied air respirator if product is involved in a fire.

UNUSUAL FIRE & EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated. May form explosive or toxic mixtures with air.

SPECIFIC HAZARDS

Acrid smoke/fumes of : Carbon dioxide (CO₂). Carbon monoxide (CO). By heating and fire, toxic vapours/gases may be formed.

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PROTECTIVE MEASURES IN FIRE

Wear full protective clothing. Use air-supplied respirator during fire fighting.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers. Collect and reclaim or dispose in sealed containers in licensed waste. Clean-up personnel should use respiratory and/or liquid contact protection. When dealing with a spillage, please consult the section relating to suitable protective measures. Should be prevented from entering drains. Do not contaminate water sources or sewer. Clean contaminated surface thoroughly.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame.

STORAGE CLASS

Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
1,2,4-TRIMETHYLBENZENE	WEL	25 ppm			
AROMATIC HYDROCARBON	SUP		600 mg/m3		
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

All handling to take place in well-ventilated area. Provide adequate general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Supplied-air respirator. Self-contained breathing apparatus.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Viscous liquid

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COLOUR	Orange or Yellow		
ODOUR	Aromatic.		
SOLUBILITY	Negligible solubility in water.		
BOILING POINT (°C)	159 - 170	RELATIVE DENSITY	>1
FLASH POINT (°C)	42		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat. Avoid contact with oxidisers or reducing agents.

MATERIALS TO AVOID

Strong acids. Bases. Strong oxidising substances. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea. May cause irritation to the respiratory system. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

INGESTION

Swallowing concentrated chemical may cause severe internal injury. May cause liver and/or renal damage. Ingestion of large amounts may cause unconsciousness.

SKIN CONTACT

Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

Prolonged exposure to the preparation may cause serious health effects. Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure. Known or suspected carcinogen for humans. Possible reproductive impact.

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

BIOACCUMULATION

No data available on bioaccumulation.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste.

DISPOSAL METHODS

Dispose of this material and its container at hazardous or special waste collection points. in accordance with local authority regulations

14 TRANSPORT INFORMATION

GENERAL

Packs of 1 litre or less are not regulated under the limited quantities provisions .



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UK ROAD CLASS	3		
PROPER SHIPPING NAME	XYLENE		
UN NO. ROAD	1307	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	ADR LABEL NO.	3
RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	1307	IMDG CLASS	3
IMDG PACK GR.	III	MARINE POLLUTANT	No.
UN NO. AIR	1307	AIR CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Toxic



Dangerous for the environment

CONTAINS

C.I.PIGMENT RED 104 (C.I. 77605)

C.I.PIGMENT YELLOW 34 (C.I. 77603)

XYLENE

RISK PHRASES

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R33	Danger of cumulative effects.
R37/38	Irritating to respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.

SAFETY PHRASES

S1/2	Keep locked up and out of the reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S24	Avoid contact with skin.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S53	Avoid exposure - obtain special instructions before use.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S64	If swallowed, rinse mouth with water (only if the person is conscious).
P11	Restricted to professional users.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

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STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

16 OTHER INFORMATION

SDS NO. 11283

SAFETY DATA SHEET STATUS

Approved.

DATE 05/12/2007

RISK PHRASES IN FULL

R10	Flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R33	Danger of cumulative effects.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.