

MATERIAL SAFETY DATA SHEET

ZTG 604B PU THINNER

SECTION 1. PRODUCT INFORMATION

PRODUCT NAME : ZTG 604B PU THINNER
PRODUCT CODE : 604B

SECTION 2. COMPOSITION/COMPONENTS

Chemical Identity	Content	CAS Number
Xylene	60%	1330 – 20 – 7
n-BAC	30%	123 – 86 – 4
CAC	10%	111 – 15 – 9

SECTION 3. HAZARD IDENTIFICATION

Main Hazards

Harmful by inhalation, in contact with skin and if swallowed.
Irritating to respiratory system.

Health Effects – Eyes

Liquid or vapour will cause conjunctival irritation and possibly corneal damage.

Health Effects – Skin

Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Vapour may be absorbed through the skin in toxicologically significant amounts.

Health Effects – Ingestion

A large dose may have the following effects: gastrointestinal irritation, central nervous system depression, liver damage and kidney damage.

Health Effects – Inhalation

Exposure to vapour may have the following effects: irritation of nose, throat and respiratory tract, headache. Exposure to vapor at

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high concentrations may have the following effects: severe irritation of nose, throat and respiratory tract, loss of consciousness, kidney and liver damage.

SECTION 4. FIRST AID MEASURES

First Aid – Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.

First Aid – Skin

Immediately flood the skin with large quantities of water, preferably under a shower. Remove contaminated clothing as washing proceeds. Continue washing for at least 10 minutes. Obtain medical attention urgently. Contaminated clothing should be washed or dry-cleaned before re-use.

First Aid – Ingestion

Do induce vomiting. Keep warm and at rest. Obtain medical attention urgently.

First Aid – Inhalation

Remove from exposure. Keep warm and at rest. Seek immediate medical assistance if dizziness, nausea or unconsciousness is experienced.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Use dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.

In case of fire, formation of carbon monoxide, nitrogen oxide and traces of hydrogen cyanide is possible

Protective Equipment for Firefighting

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small spills can be washed off with large amounts of water; spills of a larger scale must be PROPERLY DISPOSED. The product may be toxic to aquatic lives; DO NOT dispose in natural bodies of water. Proper protective equipment should be worn. Do not empty into drains.

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Put on protective equipment. Remove sources of fire, ensure adequate ventilation/ exhaust ventilation. Keep unauthorized persons away.

Remove mechanically, cover remainders with wet, absorbent material (e.g. Sawdust, chemical binder based on calcium silicate hydrate, sand). After approx. one hour transfer to waste container. Keep damp in a safe ventilated area for several days.

SECTION 7. HANDLING AND STORAGE

Handling

Use in a well-ventilated area. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.

Storage

Storage area should be cool, dry and well ventilated. Keep away from flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

N-Butyl Acetate

CAS No : 123-86-4

maximum limit of excess factor 4

150 ppm to 200 ppm

(8 hours average value)

Xylene

CAS No : 1330-20-7

maximum limit of excess factor 1

100 ppm to 125 ppm

(8 hours average value)

8.1 Personal Protection

Respiratory protection : Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommend.

Hand protection : Conditionally suitable materials for protective gloves. Only suitable for brief exposure. In the

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event of contamination, change protective gloves immediately.

Eyes protection : Wear eye/ face protection.

Body protection : Wear suitable protection clothing.

8.2 Protection and hygienic measures

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Take off immediately all contaminated clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	clear liquid	
Form	:	liquid	
Odor	:	smell of solvent	
Flash point	:	0	(82.4) (close cup)
Specific Gravity	:	0.85 – 0.95	

SECTION 10. STABILITY AND REACTIVITY

Hazardous

Decomposition

Product : No hazardous decomposition when stored and handled correctly

Hazardous Reaction : Exothermic reaction with amines and alcohols; reacts slowly with water forming CO₂, in closed containers risk of bursting owing to increase of pressure.

SECTION 11. TOXICOLOGICAL INFORMATION

No data Available

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SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL INFORMATION

The waste can be disposed of in a suitable incinerator under compliance with the relevant legislation.

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste -free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Containers must be recycled in compliance with national legislation and environmental regulations.

Incineration in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

IMDG	:	3
IATA/ ICAO	:	3
DOT 49 CFR	:	3

Section 15. Regulatory Information

Used as a PU thinner

The data and information contained in this Material Safety Data Sheet is provided to the best of our knowledge and ability on existing hazards, properties and handling of this product as recommended. It is recommended that the user tests the product according to its purpose. The user is responsible for the proper, safe and lawful use of this product. The information contained in this MSDS is subject to change without further notice. ©20

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