



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/ UNDERTAKING

PRODUCT NAME: **PERFORMIX • 1130**

2. COMPOSITION /INFORMATION ON INGREDIENTS

PREPARATION CONTAINS:

85% TRIMETHOXYVINYL SILANE

CAS No 2768-02-7 Hazard Symbol Xn R-phrases 10-20

5-10% peroxide

CAS No 80-43-3 Hazard Symbol O- Xi- Index No 617-006-00-X R -phrases 2D/21/22-36/38-57/53

2-5% organic compound of tin

Hazard Symbol Xn R -phases 20/21/22-36/38-52/53

3. HAZARD IDENTIFICATION.

HARMFUL IF SWALLOWED.

CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE

HARMFUL BY INHALATION

4. FIRST-AID MEASURES

AFTER INHALATION:

PROVIDE FRESH AIR, SEEK MEDICAL ADVICE IF NECESSARY.

AFTER SKIN CONTACT:

WASH OFF WITH PLENTY OF WATER AND SOAP IMMEDIATELY, SEEK MEDICAL ADVICE IF NECESSARY.

AFTER EYE CONTACT:

RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES AND SEEK ADVICE OF AN EYE

SPECIALIST

AFTER INGESTION:

SEEK MEDICAL ADVICE IMMEDIATELY.(hydrolysis product ; methanol)

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

WATER SPRAY, FOAM, CO2, DRY POWDER.

UNSUITABLE EXTINGUISHING MEDIA: - -

SPECIAL HAZARDS:

IN CASE OF FIRE COOL ENDANGERED CONTAINERS WITH WATER

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

PROVIDE SUFFICIENT VENTILATION. WEAR PERSONAL PROTECTIVE EQUIPMENT.

ENVIRONMENTAL PRECAUTION:

KEEP AWAY FROM DRAIN, WATER AND SOIL.

METHODS FOR CLEAN UP:

TAKE UP MECHANICALLY OR WITH AN ABSORBENT MATERIAL: SUITABLE ABSORBENTS SUCH AS SAND (FOR DAMMING UP), SAWDUST, UNIVERSAL ABSORBENT. FILL TO BE DISPOSED OF IN COMPLIANCE WITH EXISTING REGULATIONS.

7. IN CASE OF FIRE COOL ENDANGERED CONTAINERS WITH WATER

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

TECHNICAL MEASURES:

PROVIDE FOR GOOD VENTILATION IF VAPOURS ARE FORMED INGREDIENTS WITH LIMITING VALUES TO BE CONTROLLED

TLV (TRGS 900 / D) : 200 PPM=260 mg/m³ (methanol)

INDUSTRIAL HYGIENE:

REMOVE CONTAMINATED CLOTHING IMMEDIATELY. ALWAYS WASH HANDS BEFORE BREAK AND AT WORK.

RESPIRATORY PROTECTION:

REQUIRED WHEN VAPOURS OCCUR.

HAND PROTECTION:

RUBBER GLOVES.

EYE PROTECTION:

CLOSE-FITTING PROTECTIVE GOGGLES

FURTHER INFORMATION:

USE PROTECTIVE CLOTHING / FACE SHIELD IF NECESSARY.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: LIQUID

COLOUR: COLOURLESS TO YELLOW

ODOUR: AROMATIC

MELTING TEMPERATURE

BOILING TEMPERATURE 123 C DIN 51356

FLASH POINT 23 C DIN 51758

FLAMMABILITY LIMITS LOWER :1,4 AT 54 C

IN AIR (% BY VOLUME) UPPER :19,9 AT 82 C

IGNITION TEMPERATURE NOT DETERMINED

VAPOUR PRESSURE 90 hPa DNV 1300

DENSITY (20 C) 0,97 g/cm³ DIN 51757

SOLUBILITY IN WATER (20 C) NOT MISCIBLE, DECOMPOSITION BY HYDROLYSIS

pH VALUE (50 g/l water) (20 C) NOT DETERMINED

VISCOSITY (20 C) ABOUT 0.8 mPa DIN 53015

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

METHANOL IN CASE OF HYDROLYSIS.

HAZARDOUS REACTION WITH ACIDS.

EXOTHERMIC REACTION WITH ACIDS.

AVOID TEMPERATURES >65 C

11. TOXICOLOGICAL INFORMATION

SKIN POSSIBLY IRRITATING

EYES POSSIBLY IRRITATING

INHALATION HARMFUL

INGESTION HARMFUL (methanol in case of hydrolysis)

12. ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY

Degradability value; BOD 28;999% remark OECD 301B

Aquatic toxicity ;no apparent toxicity for fish in the case of vinyltrimethoxy silane Other information ;hydrolysis into methanol in water or atmosphere

13. DISPOSAL CONSIDERATIONS

PRODUCT:

WITH RESPECT TO LOCAL REGULATION, e.g. DISPOSE TO SUITABLE WASTE INCINERATION PLANT.
