

ISSUE NUMBER : Q1-MMP20002-02-E ISSUE DATE:Nov.12 , 2014

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : PAINT MARKER

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PRODUCT CODE : MMP20-X

2 COMPOSITION/INFORMATION ON IDENTIFICATION
A SUBSTANCE / A PREPARATION ; A PRAPARATION

《CHEMICAL NAME》	《CONCENTRATION》	《CAS No.》
• Propylene glycol - monomethylether acetate	25%	108-65-6
• Methylcyclohexane	14%	108-87-2
• N-heptane	13%	142-82-5
• Copper	30%	(7440-50-8)
• Zinc		(7440-66-6)

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Flammable liquid
 • **Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fetal.**

HAZARDS

HEALTH EFFECTS : N/A
 ENVIRONMENTAL EFF : N/A
 PHYSICAL/CHEMICAL : N/A
 SPECIFIC HAZARDS : N/A

4 FIRST-AID MEASURES

INHALATION : N/A
 EYE CONTACT : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.
 SKIN CONTACT : Immediately wash skin with soap and plenty of water. remove contaminated clothing. Get medical attention if symtonms occur. Wash clothing before reuse.
 INGESTION : Immediately wash mouth with plenty of water. If swallowed, do not induce vomiting. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

FIRE-FIGHTING METHC : Use following extinguishing media.
 EXTINGUISHING MEDIA : Carbon dioxide, dry chemical, form chemical

6 ACCIDENTAL RELEASE MEASURES

LAND SPILL : Absorb the liquid and scrub the area with detergent and water.
 WATER SPILL : N/A

7 HANDLING AND STRAGE

HANDLING : Keep away from sources of ignition, heat, and direct sunlight. Direct sources of heat must be avoid.
 STORAGE : Store away from sources of ignition, heat, and direct sunlight. A moderately cool, dry, well-ventilated area.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL : for normal use;No special controls are needed.

PERSONAL PROTECTIVE EQUIPMENT:

EYE : No special equipment are needed.
SKIN/BODY/HAND : No special equipment are needed.
RESPIRATORY : No special equipment are needed.

EXPOSURE GUIDELINE : N/A

9 PHYSICAL AND CHEMICAL PROPERTIESPHYSICAL STATE : Liquid
APPEARANCE : **Pen(permanent and water – proof marker)**
COLOR : 1color(Gold)
ODOR : peculiar smell
PH : N/A
BOILING POINT : N/A
MELTING POINT : N/A
VAPOUR PRESSURE : N/A
VAPOUR DENSITY : N/A
SOLUBILITY IN WATER : insoluble
VISCOSITY : N/A

10 STABILITY AND REACTIVITY

CHEMICAL STABILITY : Stable at room temperature.

CONDITION TO AVOID : **Avoid temperature above 40°C.**
Store away from sources of ignition,heat,and direct sunlight.

11 TOXICOLOGICAL INFORMATIONACUTE TOXICITY : N/A
EYE EFFECTS : N/A
SKIN EFFECTS : N/A
CHRONIC EFFECTS : N/A
CARCINOGENICITY : N/A

12 ECOLOGICAL INFORMATION

: N/A

13 DISPOSAL CONSIDERATIONSComply with national and local regulations.
Do not dump this material into sewers,on the ground or into any body of water.

14 TRANSPORT INFORMATIONComply with national and local regulations.
See above Section 7,“HANDLING AND STORAGE”

15 REGULATORY INFORMATION

N/A

16 OTHER INFORMATION

NONE

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