

# MATERIAL SAFETY DATA SHEET

## 1 IDENTIFICATION OF PRODUCT & COMPANY

PRODUCT NAME: QUANTUM GELULOID X5  
HITZ

COLORS : BLUE, RED

**COMPANY: DHA Siamwalla Co., Ltd. ADDRESS: 202 SURAWONG ROAD CITY, ZIP CODE,  
COUNTRY: BANGKOK 10500 THAILAND EMERGENCY PHONE: (662) 668-0123 DATE ENTERED:  
July 11, 2013**

## 2 INGREDIENT INFORMATION

ETHYLENE GLYCOL PHENOL ETHER CAS # 122-99-6 OBHA PEL NOT ESTABLISHED TLY-ACGIH NOT ESTABLISHED

DI-ETHYLENE GLYCOL MONO ETHYL ETHER CAS # 111-90-0 OSHA PEL NOT ESTABLISHED TLV-AGGIH NOT ESTABLISHED

SOLVENT BLUE - 4 SOLVENT VIOLET -8

SARA 311 CATEGORIES IMMEDIATE (ACUTE) HEALTH EFFECTS : YES DELAYED (CHRONIC) HEALTH EFFECTS : NO FIRE HAZARD : NO SUDDEN RELEASE OF PRESSURE HAZARD : NO REACTIVITY HAZARD : NO

## 3 HAZARDS IDENTIFICATION

THE HEALTH HAZARD OF THIS PRODUCT SHOULD BE LOW UNDER NORMAL INDUSTRIAL AND COMMERCIAL USES. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN OR EYE IRRITATION. DO NOT ALLOW MATERIAL TO ENTER SOIL OR SURFACE WATER

HMS RATING: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1 SPECIAL: 1

POTENTIAL HEALTH EFFECTS: EYE: MAY CAUSE SLIGHT IRRITATION. NOT KNOWN TO CAUSE PERMANENT INJURY TO EYE TISSUE. NO HAZARDS EXPECTED IN NORMAL INDUSTRIAL USE.

SKIN: NOT KNOWN RISKS DUE TO INHALATION. NO HAZARDS EXPECTED IN NORMAL INDUSTRIAL USE. INHALATION: NO KNOWN RISKS DUE TO INHALATION. NO HAZARDS EXPECTED IN NORMAL INDUSTRIAL USE. INGESTION: ESSENTIALLY NON-TOXIC

## 4 FIRST AID MEASURES

EYE CONTACT FIRST AID: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

SKIN CONTACT FIRST AID: IN CASE OF CONTACT. IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INHALATION FIRST AID: ALTHOUGH THIS PRODUCT IS NOT KNOWN TO CAUSE RESPIRATORY PROBLEMS, IF BREATHING IS DIFFICULT, REMOVE TO FRESH AIR AND PROVIDE OXYGEN. GET MEDICAL ATTENTION IF COUGH OR OTHER SYMPTOMS DEVELOP.

INGESTION FIRST AID: IF SWALLOWED, IMMEDIATELY GIVE 2 GLASSES OF WATER. NEVER GIVE

ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT A PHYSICIAN.

## **5 FIRE FIGHTING MEASURES**

FLASH POINT : 225+F AUTO IGNITION : NOT ESTABLISHED LET : NOT ESTABLISHED UEL : NOT ESTABLISHED EXTINGUISHING MEDIA DRY CHEMICAL, ALCOHOL FOAM, CO2 SAND. FIRE FIGHTING INSTRUCTIONS: AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND SHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. AVOID BREATHING SMOKE. FUMES AND DECOMPOSITION PRODUCTS. CONTAIN RUNOFF WATER. CONTAMINATED EXTINGUISHING WATER MUST BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.

## **6 ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURE: WATER & ALCOHOL WILL INCREASE THE AMOUNT OF COLORANT CONTAMINATION. DO NOT ALLOW MATERIAL TO ENTER SOIL OR SURFACE WATER. CLEAN UP AREA BY ABSORBENT MATERIAL. TAKE UP AND PLACE IN SECURE CLOSED CONTAINERS. ALL WASTE MATERIALS SHOULD BE PACKAGED, LABELED AND TRANSPORTED IN ACCORDANCE WITH ALL NATIONAL, STATE/PROVINCIAL, AND LOCAL REQUIREMENTS.

INITIAL CONTAINMENT: CONTAIN SPILLED MATERIAL. DO NOT ALLOW MATERIAL TO ENTER SOIL OR SURFACE WATER.

## **7 HANDLING AND STORAGE**

HANDLING (PERSONNEL): WASH HANDS THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE REUSE. HANDLING (PHYSICAL ASPECTS): AVOID EXTREME TEMPERATURES. KEEP CONTAINER CLOSED TO AVOID CONTAMINATION. STORAGE PRECAUTIONS: PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DO NOT STACK DRUMS MORE THAN THREE PALLETS HIGH.

## **8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. EYE/FACE PROTECTION REQUIREMENTS: WEAR SAFETY GLASSES ALL TIMES WHEN USING THIS LIQUID TO AVOID THE POSSIBILITY OF SPLASHING IN THE EYES.

SKIN PROTECTION REQUIREMENTS: WEAR PROTECTIVE GLOVES TO MINIMIZE SKIN CONTAMINATION FOR BRIEF CONTACT. NORMAL WORK ATTIRE SHOULD BE SUFFICIENT. WHEN PROLONGED OR FREQUENTLY REPEATED CONTACT COULD OCCUR, USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL.

## **9 PHYSICAL/CHEMICAL CHARACTERISTICS**

FORM : PASTE BOILING POINT : GREATER THAN 400 F SPECIFIC GRAVITY : 1.1 TO 1.14 MELTING POINT : NOT ESTABLISHED VAPOR PRESSURE (MM HG) : 0.1@68F VAPOR DENSITY (AIR=1) : APPROX. 4 EVAPORATION RATE (BUTYL ACETATE=1) : LESS THAN 1 SOLUBILITY / WATER : NEGLIGIBLE

## **10 STABILITY AND REACTIVITY**

STABILITY: THIS PRODUCT IS STABLE AT AMBIENT CONDITIONS. POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR INCOMPATIBILITY WITH OTHER MATERIALS: AVOID CONTACT WITH STRONG OXIDIZING AGENTS. DECOMPOSITION: DECOMPOSITION WILL NOT OCCUR IF HANDLE AND STORED PROPERLY.

## **11 TOXICOLOGICAL INFORMATION**

BURNING MAY CAUSE CARBON MONOXIDE AND / OR CARBON DIOXIDE OR OTHER TOXIC ORGANIC COMPOUNDS.

## **12 ECOLOGICAL INFORMATION**

NO INFORMATION AVAILABLE

## **13 DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL: WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

## **14 TRANSPORTATION INFORMATION**

PRODUCT LABEL : BALL POINT PEN D.O.T. HAZARD CLASS : NON-HAZARDOUS

## **15 REGULATORY INFORMATION**

CHEMICAL INVENTORY INFORMATION: THIS MATERIAL OR ALL OF ITS COMPONENTS ARE LISTED ON THE INVENTORY OF EXUDING. CHEMICAL SUBSTANCES UNDER THE TOXIC SUBSTANCE CONTROL ACT (TSCA)

## **16 OTHER INFORMATION**

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IT IS ACCURATE TO THE BEST KNOWLEDGE OF SMOOTH LINE INDUSTRIES. THE DATA ON THIS SHEET ARE RELATED ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN SMOOTH LINE INDUSTRIES ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THESE DATA.

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