

SAFETY DATA SHEET

U.S. HazCom GHS Format



Date Issued : 10/6/2014

MSDS No : 64

GRAFIC HU42

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GRAFIC HU42

GENERAL USE: Liquid emulsion for producing screen printing stencils

PRODUCT DESCRIPTION: Emulsion

PRODUCT CODE: SCEC50601KQD01, SCEC50601KGD01, SCEC50601K5D01, SCEC50601RG050, SCEC50601K5101, SCEC50601K5001

MANUFACTURER

SAATI

Chemicals

201 Fairview St. Extension

Fountain Inn, SC 29644

Emergency Contact: Ross Balfour

Emergency Phone: 847-942-1719

Alternate Emergency Phone: 864-601-8710

Customer Service: 800-431-2200

Transportation: 864-601-8305

E-Mail: info.us@saati.com, <http://msds.saatiexpress.com>

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2

Eye Irritation, Category 2B

Skin Sensitization, Category 1

GHS LABEL



GHS07

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.

H320: Causes eye irritation.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

P362: Take off contaminated clothing and wash before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

Disposal:

P501: Dispose of contents/container in accordance with federal/state/local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	25213-24-5
Propoxylated Trimethylolpropane Triacrylate Esters	1 - 10	53879-54-2

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash off with soap and plenty of water. Consult a physician.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus for fire fighting if necessary.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Soak up with inert absorbent material and dispose as non-hazardous waste. Wipe area with water soaked towels to minimize residue.

LARGE SPILL: Wear suitable protective equipment. Do not touch or walk through spilled material. Contain spillage, soak up with absorbent material such as sand, earth, vermiculite and transfer to a container for disposal according to local/state/federal regulations. Flush spill area with water.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes.

STORAGE: Keep container closed to prevent drying out.

SHELF LIFE: 12 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

SKIN: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

RESPIRATORY: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

PROTECTIVE CLOTHING: Apron recommended.

WORK HYGIENIC PRACTICES: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid

ODOR: Slight

COLOR: Blue

pH: 4 to 5

PERCENT VOLATILE: 58
FLASH POINT AND METHOD: Not Available
FLAMMABLE LIMITS: Not Available
AUTOIGNITION TEMPERATURE: Not Available
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: Not Available
FREEZING POINT: Not Available
POUR POINT: Not Available
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: Soluble
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.05
VISCOSITY #1: 110 to 125 Poise at 25°C (77°F) Brookfield Viscometer, 10rpm
MOLECULAR WEIGHT: Not Available
(VOC): 0 g/L

10. STABILITY AND REACTIVITY

STABLE: Yes
STABILITY: Stable under recommended storage conditions.
CONDITIONS TO AVOID: Heat, sunlight
HAZARDOUS DECOMPOSITION PRODUCTS: Not Available
INCOMPATIBLE MATERIALS: Not Available

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	INHALATION LC ₅₀ (rat)
Polyvinyl alcohol	> 5000 mg/kg [Rat]	> 20 mg/L [rat] 1 h
Propoxylated Trimethylolpropane Triacrylate Esters		> 40 mg/L [Rat] 4 h

DERMAL LD₅₀: Not yet determined for this product
ORAL LD₅₀: Not yet determined for this product
INHALATION LC₅₀: Not yet determined for this product

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Polyvinyl alcohol	Not Listed	Not Listed	Not Listed

IARC: Not listed
NTP: Not listed
OSHA: Not listed

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data are available on the adverse effects of this material on the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all current local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME:

	DOT CLASSIFICATION
UN number	-
UN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

**AIR (ICAO/IATA)
SHIPPING NAME:**

	IATA
UN number	-
UN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

**VESSEL (IMO/IMDG)
SHIPPING NAME:**

	IMO / IMDG
UN number	-
UN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS	Comments
Polyvinyl alcohol	5 - 20	25213-24-5	CAS # 67-56-1 Methanol <1.5%

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%
Polyvinyl alcohol	5 - 20

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Polyvinyl alcohol	25213-24-5

TSCA REGULATORY: All components of this product are listed on the TSCA Inventory.

REGULATIONS

STATE REGULATIONS: CAS # 53879-54-2 Pennsylvania Right-To-Know Act

CALIFORNIA PROPOSITION 65: None

CLEAN WATER ACT: None

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product

WHMIS CLASS: D2B

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

REASON FOR ISSUE: U.S. HazCom GHS Format

APPROVED BY: Ross Balfour **TITLE:** Global Business Unit Manager

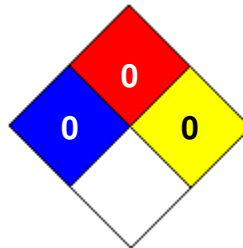
PREPARED BY: SDS Regulatory Specialist

INFORMATION CONTACT: Kathy Tylka

HMIS RATING

HEALTH	<input type="text" value="0"/>	0
FLAMMABILITY	<input type="text" value="0"/>	0
PHYSICAL HAZARD	<input type="text" value="0"/>	0
PERSONAL PROTECTION	<input type="text" value="B"/>	

NFPA CODES



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