Thickener
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 10/17/2016 Date of issue: 01/05/2016 Version: 1.1

SECTION 1: IDENTIFICATION
1.1. Product Identifier
Product Form: Article
Product Name: Thickener
Product Code: 5009

1.2. Intended Use of the Product
Use of the substance/mixture: No use specified.

1.3. Name, Address, and Telephone of the Responsible Party
Company
TW Graphics Group
3323 S. Malt Avenue
Commerce, CA 90040
323-721-1400

1.4. Emergency Telephone Number
Emergency Number: Chemtrec 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the Substance or Mixture
Classification (GHS-US) Not classified

2.2. Label Elements
GHS-US Labeling No labeling applicable

2.3. Other Hazards
No other information available

2.4. Unknown Acute Toxicity (GHS-US)
No other information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1. Substance
Not applicable

3.2. Mixture
Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200] this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

SECTION 4: FIRST AID MEASURES
4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
First-aid Measures After Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
First-aid Measures After Skin Contact: Wash with plenty of soap and water.
First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid Measures After Ingestion: Rinse mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: None expected under normal conditions of use.
Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/Injuries After Skin Contact: Not irritating to skin.
Symptoms/Injuries After Eye Contact: The product is not considered to be irritating to the eyes.
Symptoms/Injuries After Ingestion: Not expected to be a primary route of exposure.
Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If you feel unwell, seek medical advice.
SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media: Not applicable.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not flammable.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Do not allow run-off from fire fighting to enter drains or water courses. Do not breathe fumes from fires or vapours from decomposition.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other Information: Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: No special measures required.

6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).

6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.

6.2. Environmental Precautions
Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: None known.
Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety procedures.
Hygiene Measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Storage Conditions: Store away from incompatible materials.

7.3. Specific End Use(s)
No use specified.

SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

8.1. Control Parameters
For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls
Appropriate Engineering Controls: Ensure all national/local regulations are observed.
Personal Protective Equipment: Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
Materials for Protective Clothing: Wear suitable protective clothing as necessary.
Hand Protection: Wear protective gloves as necessary.
Eye Protection: Wear safety goggles or glasses as necessary.
Respiratory Protection: None required under normal product handling conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.
**Thickener**

Safety Data Sheet

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**Consumer Exposure Controls**: Do not eat, drink or smoke during use.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1. Information on Basic Physical and Chemical Properties

- **Physical State**: Liquid
- **Appearance**: No data available
- **Odor**: No data available
- **Odor Threshold**: No data available
- **Evaporation Rate**: No data available
- **pH**: No data available
- **Freezing Point**: No data available
- **Boiling Point**: No data available
- **Flash Point**: No data available
- **Auto-ignition Temperature**: No data available
- **Decomposition Temperature**: No data available
- **Flammability (solid, gas)**: No data available
- **Vapor Pressure**: No data available
- **Relative Vapor Density at 20 °C**: No data available
- **Relative Density**: No data available
- **Specific Gravity**: No data available
- **Solubility**: No data available
- **Partition Coefficient: N-Octanol/Water**: No data available
- **Viscosity**: No data available

9.2. Other Information

- **VOC Content**: <= 13 %

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**SECTION 10: STABILITY AND REACTIVITY**

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.


10.6. Hazardous Decomposition Products: None known.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1. Information On Toxicological Effects

- **Acute Toxicity**: Not classified
- **Skin Corrosion/Irritation**: Not classified
- **Serious Eye Damage/Irritation**: Not classified
- **Respiratory or Skin Sensitization**: Not classified
- **Germ Cell Mutagenicity**: Not classified
- **Carcinogenicity**: Not classified

- **Reproductive Toxicity**: Not classified
- **Specific Target Organ Toxicity (Single Exposure)**: Not classified
- **Specific Target Organ Toxicity (Repeated Exposure)**: Not classified

- **Aspiration Hazard**: Not classified

- **Symptoms/Injuries After Inhalation**: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

- **Symptoms/Injuries After Skin Contact**: Not irritating to skin.

- **Symptoms/Injuries After Eye Contact**: The product is not considered to be irritating to the eyes.

- **Symptoms/Injuries After Ingestion**: Not expected to be a primary route of exposure.

**Chronic Symptoms**: None expected under normal conditions of use.

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**SECTION 12: ECOLOGICAL INFORMATION**

12.1. Toxicity

No additional information available
12.2. Persistence and Degradability
No additional information available

12.3. Bioaccumulative Potential
No additional information available

12.4. Mobility in Soil
No additional information available

12.5. Other Adverse Effects
No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT  Not regulated for transport
14.2. In Accordance with IMDG  Not regulated for transport
14.3. In Accordance with IATA  Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations
Neither this product nor its components appear on any US federal regulation lists.

15.2 US State Regulations
Neither this product nor its components appear on any US state regulation lists.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 10/17/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS III Rating
Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 0 Minimal Hazard
Physical : 0 Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)