

SAFETY DATA SHEET

Number: 15-1-007-(2)-E

Date prepared: 2015 Apr 09

Date Revised: 2016 Mar 11

1. Chemical Product and Company Identification

Product code: -

Product name: G-Premio BOND

Manufacturer / Supplier: GC Corporation,
76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan
Postal code 174-8585, Phone 81-3-3965-1388

2. Hazards Identification**GHS label elements, including precautionary statements****Pictograms or hazard symbols (Referring to Acetone)****Precautionary statements:****[Prevention]** Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against ignition by the static discharge and the spark.

Do not breathe dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye protection/face protection.

[Response] IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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

If eye irritation persists: Get medical advice/attention.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash hands thoroughly after handling.

IF exposed or concerned: Get medical advice/attention.

[Storage] Store in a well-ventilated place. Keep container tightly closed. Store locked up.**[Disposal]** Dispose of contents/container through a waste management company authorized by the local government.**3. Composition / Information on Ingredients**

| | |
|--|--------|
| 4-Methacryloxyethyl trimellitate anhydride | 5-15% |
| 10-methacryloyloxydecyl dihydrogen phosphate | 5-15% |
| Dimethacrylate monomer | 15-25% |
| Thiophosphate ester monomer | Trace |
| Purified water | 20-30 |
| Acetone | 25-35 |
| Photo Initiator | Trace |
| Silica fine powder | 1-10 |

4. First Aid Measures (referring to Acetone)

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

Skin contact: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Get medical advice/attention.

Ingestion: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed:

Sore throat, Cough, Confusion, Headache, Dizziness, Drowsiness, Unconsciousness, Nausea, Vomiting, Dry skin, Redness, Pain, Blurred Vision, Cornea damage

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and airtight goggles.

5. Fire Fighting Measures (referring to Acetone)

Suitable extinguishing media: Dry chemical, foam, water in large amounts, carbon dioxide.

Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.

Special protective equipment for firefighters: When extinguishing fire, be sure to wear personal protective equipment.

6. Accidental Release Measures (referring to Acetone)

Personal precautions, protective equipment and emergency procedures:

Use extra personal protective equipment (self-contained breathing apparatus). Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for containment and cleaning up:

Absorb spilled material in dry sand or inert absorbent before recovering it into an airtight container. In case of large amount of spillage, contain a spill.

Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Prevention of secondary hazards:

Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire. Use spark-proof tools and explosion-proof equipment.

7. Handling and Storage (referring to Acetone)

Precautions for safe handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent generation of vapour or mist. Keep away from heat/sparks/open flame/hot surfaces. -No smoking. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling.

Use a closed system if possible. Use a ventilation, local exhaust if vapour or aerosol will be generated.

Advice on safe handling: Avoid all contact!

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store locked up. Store away from incompatible materials such as oxidizing agents.

Packaging material: Comply with laws.

8. Exposure Controls, Personal Protection (referring to Acetone)

Engineering controls: Install a closed system or local exhaust. Also install safety shower and eye

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bath.

Control parameters: 500 ppm

Exposure limits:

ACGIH TLV(TWA): 500 ppm

ACGIH TLV(STEL): 750 ppm

OSHA PEL(TWA): 1000 ppm

JSOH OELs(TWA): 200 ppm

Personal protective equipment

Respiratory protection: Half or full facepiece respirator, self-contained breathing apparatus(SCBA), supplied air respirator, etc. Use respirators approved under appropriate government standards and follow local and national regulations.

Hand protection: Impervious gloves.

Eye protection: Safety goggles. A face-shield, if the situation requires.

Skin and body protection: Impervious protective clothing. Protective boots, if the situation requires.

9. Physical and Chemical Properties

Physical state: Liquid

Form: Clear

Colour: Light yellowish

Odour: Acetone odor

Odour threshold: 13 ppm (as Acetone)

pH: No data available

Melting point/freezing point:-95°C (as Acetone)

Boiling point/range: 56°C (as Acetone)

Flash point: -20°C (as Acetone)

Flammability or explosive

limits:

Lower: 2.2%

Upper: 13%

Relative density: approx. 0.94 g/mL

10. Stability and Reactivity (referring to Acetone)

Chemical stability: Stable under proper conditions.

Possibility of hazardous reactions: No special reactivity has been reported.

Conditions to avoid: Spark, Open flame, Static discharge

Incompatible materials: Oxidizing agents, Strong bases, Reducing agents

Hazardous decomposition products: Carbon monoxide, Carbon dioxide

11. Toxicological Information (referring to Acetone)

Acute Toxicity: orl-rat LD50:5800 mg/kg

skn-rbt LDLo:20 mL/kg

ihl-rat LC50:50100 mg/m³/8H

Skin corrosion/irritation: skn-rbt 500 mg/24H MLD

Serious eye damage/irritation: eye-rbt 20 mg/24H MOD

Germ cell mutagenicity: cyt-ham-fbr 40 g/L

sln-smc 47600 ppm

12. Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to the local official regulations.

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14. Transport Information

IMO Regulations (IMDG):

Class: 3

UN Number: 1090

Packing Group: II

Marine Pollutant: No

Proper Shipping Name: Acetone solution

ICAO and IATA Regulations:

Class: 3

UN Number: 1090

Packing Group: II

Proper Shipping Name: Acetone solution

15. Regulatory Information

Chemical Inventory Status –

Acetone (CAS 67-64-1)

| | | | |
|------|----|-------|-----------|
| TSCA | EC | Japan | Australia |
|------|----|-------|-----------|

| | | | |
|-----|-----|-----|-----|
| Yes | Yes | Yes | Yes |
|-----|-----|-----|-----|

Federal, State & International Regulations –

Acetone (CAS 67-64-1)

-SARA 302-

| | |
|----|-----|
| RQ | TPQ |
|----|-----|

| | |
|----|----|
| No | No |
|----|----|

-SARA 313-

| | |
|------|----------------|
| List | Chemical Catg. |
|------|----------------|

| | |
|-----|----|
| Yes | No |
|-----|----|

16. Other Information

No specific information available.

The information herein is given in good faith, but no warranty expressed or implied, is made.