



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
650007

Product Name: Solo Tach Activator

Release Date: March 14, 2007

1. Product and Company Identification

Trade Name & Synonyms Solo Tach @ Activator	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number 94-36-0	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)	C.A.S. Number	Exposure Limits	%
Benzoyl peroxide	5	5	94-36-0	NA	NA

3. Hazard Identification

Emergency Overview					
NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Dusts will irritate the eyes and prolonged contact may burn the eyes. May cause superficial corneal opacity and redness and swelling of the eye membranes.	NA	NA	NA	NA
Skin Yes	Contact with skin can cause irritation.	Prolonged or repeated contact may be more irritating and cause allergic reactions, such as sensitization dermatitis.	NA	NA	NA
Inhalation Yes	Inhalation of dusts or solids may irritate entire respiratory tract. May cause asthmatic effects.	Overexposure may cause tearing, salivation, decreased respiratory rates, difficulty in breathing, and lethargy.	NA	NA	NA
Ingestion Yes	NA	NA	NA	Chronic effects of exposure: May produce allergic reactions characterized by redness, itching, oozing, crusting, and scaling of the skin and asthmatic wheezing.	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure None reported.					
Carcinogenicity (IARC, NTP) NTP?: No TARC monographs?: No OSHA regulated?: No					
Potential Environmental Effects					



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
650007

Product Name: Solo Tach Activator

Release Date: March 14, 2007

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally.	NA	NA
Skin	Immediately flush skin with lots of running water for 15 minutes. Remove contaminated clothing and shoes. Wash before reuse.	Get immediate medical attention if irritation persists after washing.	NA
Inhalation	Remove to fresh air. Give artificial respiration if not breathing.	Get immediate attention.	NA
Ingestion	If conscious, immediately induce vomiting by giving two glasses of water and sticking a finger down the throat.	Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring)			
NA			

5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-2, Flammability-1, Reactivity-1. Specific hazard OXY. NFPA Hazard classifications. NFPA- National fire protection association.	
Extinguishing Media Do not attempt to fight fire with small extinguisher. Evacuate the area and let automatic sprinklers take over. Fight large fires with water applied from a safe distance.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Fire fighter should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire. Apply water from a safe distance. Do not permit fire fighting where there is an explosion hazard, such as areas where benzoyl peroxide is confined or present in large quantities..			
Unusual Fire and Explosion Hazards Benzoyl peroxide will burn with deflagration in the open. May explode when confined. Decomposition vapors are flammable and toxic (Biphenyl 0.2 PPM TLV). In addition to the usual heat and ignition sources, the ignition pf dry benzoyl peroxide may be started by friction impact and contamination.			



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
650007

Product Name: Solo Tach Activator

Release Date: March 14, 2007

6. Accidental Release Measures

Containment Techniques

NA

Spill/Leak Clean-Up Procedures and Equipment

Wear protective equipment including rubber boots, rubber gloves, rubber apron and a self-contained breathing apparatus in the pressure demand mode or a supplied –air respirator. If the spill or leak is small, a full face piece air-purifying cartridge respirator equipped with particulate filters may be satisfactory. In any event, always wear eye protection. For small spills, wet down spill then sweep up and dispose of in DOT-approved waste containers. For large spills, wet down spill and then shovel into DOT-approved waste containers. Use non-sparking tools only. Keep out of sewers, storm drains, surface waters, and soil. Comply with all applicable governmental regulations on spill reporting and handling and disposal of waste.

Evacuation Procedures

NA

Special Instructions

NA

Reporting Requirements

NA

7. Handling and Storage

Handling Practices and Warnings

Keep away from heat, sparks, and flames.

Storage Practices and Warnings

(° C / ° F). Store in a cool (less than 100°F), dry place. Electrically ground all equipment when handling this product and use only non-sparking tools. Store and dispense peroxide only in original plastic containers.

Other precautions: Store away from heat and heat sources. Observe normal warehousing and handling procedures.

8. Exposure Control/Personal Protection

Ventilation

Local mechanical exhaust ventilation capable of maintaining dust emissions at the point of use below the PEL.

Other Engineering Controls

NA

Routes of Entry:

Personal Protective Equipment (PPE) for Normal Use:

PPE for Emergencies:

Eye/Face

Chemical goggles unless a full facepiece respirator is also worn. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

NA

Skin

Rubber gloves.

NA

Inhalation

If use conditions generate dusts, wear an NIOSH-approved respirator appropriate for those emission levels. Appropriate respirators may be a full face piece or a half mask air-purifying cartridge respirator with particulate filters. A self-contained breathing apparatus in the pressure demand mode, or a supplied air respirator. Benzoyl peroxide is a strong oxidizer and should not come in contact with oxidizable materials. Some cartridges and canisters may contain activated charcoal and should not be used to provide protection against this product. Use only non-oxidizable sorbents.

NA

General Hygiene Considerations and Work Practices

Observe normal care in working with chemicals.

Protective Measures During Repair and Maintenance of Contaminated Equipment

NA

Other Protective Measures and Equipment

Long sleeved shirt, trousers, safety shoes, rubber gloves, and rubber apron. An eyewash and safety shower should be nearby and ready for use.



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
650007

Product Name: Solo Tach Activator

Release Date: March 14, 2007

9. Physical and Chemical Characteristics

Appearance Fine, white powder.		Odor Slight odor
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		Boiling Point °C / °F decomposes Melting Point °C / 217 °F (decomposes) Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) NA	Solubility in Water Not soluble	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Acids, oxidizing or reducing agents, combustible materials such as wood, cloth, or organic materials. Metals such as iron and copper and their alloys, and accelerators for polymerization reactions.	
Hazardous Products Produced During Decomposition At high temperatures may liberate toxic, flammable biphenyl.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid Temperatures above 100 °C / °F Do not grind peroxides or add to hot materials.
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid Temperatures above 100 °C / °F. Do not grind peroxides or add to hot materials.

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
--

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations Waste disposal methods: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Note: Empty containers can have residues, gases and mists and are subject to proper waste disposal, as above.
Properties (Physical/Chemical) Affecting Disposal NA



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
650007



Product Name: Solo Tach Activator

Release Date: March 14, 2007

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA		Proper Shipping Name Solo tach activator	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No NA		Hazard Class NA	Identification Number NA
Other NA			

15. Regulatory Information

Federal Regulations NA
International Regulations NA
Other NA

16. Other Information

Supplier Number: 2/53	Supplier Release: October 2, 1996
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.	