

威达实业有限公司
V-TOUCH INDUSTRY LIMITED

MSDS (MATERIAL SAFETY DATA SHEET)

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V-TOUCH INDUSTRY LIMITED – FERRO SILICON BARIUM CALCIUM

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MSDS Date: 20/09/2010

MSDS Num: VTOUCH1009

Tech Review: 20/09/2010

Product ID: FERROSILICON BARIUM CALCIUM,

Responsible Party

Cage: VTOUCH

Name: V-TOUCH INDUSTRY LIMITED

Address: RM 907 JBJ278 WING TUCK COMM CENTRE 177-183 WING LOK STREET HK

TEL: 0086-10-61273397 FAX: 0086-10-61273387

Emergency Phone Number: 0086-10-61273397

Review Ind: N

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Contractor Summary

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Cage: VTOUCH

Name: V-TOUCH INDUSTRY LIMITED

City: BEIJING, CHINA

Country: CHINA

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INGREDIENTS/IDENTITY INFORMATION

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SILICON	50 %
BARIUM	14 – 18%
CALCIUM	14 – 18%
Iron	BALANCE
ALUMINUM	1.8%

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Cas: 7440-21-3

RTECS #: VW0400000

Name: SILICON; (SI)

% by Wt: 50-55%

OSHA PEL: 15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

Ozone Depleting Chemical: N

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Cas: 7440-39-3

RTECS #: CQ8370000

Name: BARIUM; (BA)

% by Wt: 14-18%

United States OSHA: 0.5 mg/m3 TWA

ACGIH TLV: 10 MG/M3 TDUST

Ozone Depleting Chemical: N

Cas: 7439-89-6

RTECS #: NO4565500

Name: IRON; (FE)

% by Wt: BALANCE

OSHA PEL: 15 MG/M3 (MFR)

ACGIH TLV: 10 MG/M3 (MFR)

Ozone Depleting Chemical: N

CAS#: 7440-70-2

RTECS: EV8040000

Name: CALCIUM; (CA)

% by Wt: 14-18%

TSCA: TSCA 8(b) inventory: Calcium

CI#: Not available.

Synonym:

Cas: 7429-90-5

RTECS #: BD0330000

Name: ALUMINUM (SARA 313)

% by Wt: 1.5 MAX

OSHA PEL: 15 MG/M3 DUST

ACGIH TLV: 10 MG/M3 DUST

Ozone Depleting Chemical: N

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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

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Effects of Exposure: ACUTE: AIRBORNE DUST GENERATED THROUGH THE USE OF THIS PRODUCT MAY RESULT IN RESPIRATORY AND/OR EYE IRRITATION. AVOID PROLONGED EXPOSURE TO CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LIMIT UNLESS PROTECTIVE EQUIPMENT IS WORN.

CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: COUGHING, EYE IRRITATION, SNEEZING.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

INHALATION: REMOVE VICTIM TO A WELL-VENTILATED AREA.

SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. SEE MD (FP N).

INGESTION: CALL MD IMMEDIATELY

(FP N).

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Handling and Disposal

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Spill Release Procedures: NO SPECIAL PRECAUTIONS REQUIRED EXCEPT KEEP DRY. SWEEP UP IN NORMAL MANNER FOR REUSE OR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling And Storage Precautions: KEEP MATERIAL DRY WHEN STORING FOR EXTENDED PERIODS. INERT ATMOSPHERE ADVISED WHEN SIZING TO -200 MESH OR LOWER.

Other Precautions: GRINDING WET MATERIAL MAY BE HAZARDOUS DUE TO POSSIBLE HYDROGEN EVOLUTION. ANY WET MATERIAL IN CONTACT WITH MOLTEN METAL MAY CAUSE AN ERUPTION.

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Fire and Explosion Hazard Information

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Extinguishing Media: CLASS D FIRES. USE DRY CHEMICAL, SAND OR CARBON DIOXIDE TO SMOTHER FIRE.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). FIRE MAY BE ISOLATED AND ALLOWED TO BURN ITSELF OUT. DO NOT DISTURB BURNING METAL WHILE EXTING FIRE.

Unusual Fire/Explosion Hazard: LUMP ALLOY IS NOT FLAMMABLE. VERY FINE DUST (MINUS 200 MESH) MAY PRESENT AN EXPLOSION HAZARD WHEN AIRBORNE. DANGEROUS WHEN WET.

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Control Measures

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Respiratory Protection: IN DUSTY AREAS (WHERE RECOMMENDED EXPOSURE LIMITS ARE EXCEEDED) USE A NIOSH/MSHA APPROVED SCHEDULE 21C RESPIRATOR.

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Ventilation: LOCAL EXHAUST REQUIRED IN PROCESSING AREAS. FOLLOW LOCAL WORK RULES.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: MP: >2192F, >1250C.

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Physical/Chemical Properties
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M.P/F.P Text: 2570F, 1410C

Spec Gravity: 2.0-7.0

Solubility in Water: NEGLIGIBLE

Appearance and Odor: METALLIC SILVER; NO ODOR.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: STABLE AS LUMP & WHEN DRY. WHEN FINE SIZED, AVOID CONTACT WITH MOISTURE. AVOID CONTACT WITH HALOGEN ACIDS.

Materials To Avoid: REACTS RAPIDLY IN HYDROFLUORIC/NITRIC ACIDS AS WELL AS MOLTEN ALKALI.

Hazardous Decomposition Products: SMALL AMOUNTS OF ARSINE, PHOSPHINE, AND HYDROGEN MAY EVOLVE IF MOISTURE IS PRESENT.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: FERROSILICON CALCIUM BARIUM

Cage: VTOUCH

Name: V-TOUCH INDUSTRY LIMITED

City: BEIJING, CHINA

Zipcode: 100262

Country: CHINA

Health Emergency Phone: 10-61273397

Date Of Label Review: 20/09/2010

Label Date: 20/09/2010

Chronic Hazard IND: N

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: Slight

**Hazard And Precautions: ACUTE: AIRBORNE DUST GENERATED THROUGH THE USE
OF THIS PRODUCT MAY RESULT IN RESPIRATORY AND/OR EYE IRRITATION.**

CHRONIC: NONE SPECIFIED BY MANUFACTURER.
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