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**TRIDENT DIVING EQUIPMENT
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ACTIVATED ALUMINA, SA45

SECTION 1, COMPOSITION / DATA ON COMPONENTS

INGREDIENTS;

ACTIVE ALUMINUM OXIDE (NON FIBROUS) 97%

ADDITIONAL INFORMATION;

LOSS ON IGNITION; 4.0-7.0%

SECTION 2, HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW;

EYES; CAN CAUSE MILD IRRITATION

SKIN; CAN CAUSE MILD IRRITATION

INHALATION; CAN CAUSE MILD UPPER RESPIRATORY TRACT IRRITATION

INGESTION; CAN CAUSE MILD IRRITATION

CHEMICAL INGREDIENT AND POSSIBLE PROCESSING HAZARDS;

ALUMINA; LOW HEALTH RIS BY INHALATION

ACGIH; LISTED AS A NUISANCE DUST

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE TO THE PRODUCT;

ASTHMA, CHRONIC LUNG DISEASE, AND SKIN RASHES.

INFORMATION PERTAINING TO PARTICULAR DANGERS FOR MAN AND ENVIRONMENT SEE ITEM 11

CLASSIFICATION SYSTEM

THE CLASSIFICATION WAS MADE ACCORDING TO THE LATEST EDITIONS OF THE EU-LIST AND EXPANDED UPON FROM COMPANY AND LITERATURE DATA.

SECTION 3, FIRST AID MEASURES

AFTER INHALATION; REMOVE TO FRESH AIR; CHECK FOR CLEAR AIRWAY, BREATHING AND PRESENCE OF PULSE. PROVIDE CARDIOPULMONARY RESUSCITATION FOR PERSONS WITHOUT PULSE OR RESPIRATIONS. CONSULT A PHYSICIAN.

AFTER SKIN CONTACT; WASH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN

AFTER EYE CONTACT; IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, CONSULT A PHYSICIAN

AFTER SWALLOWING; DO NOT INDUCE VOMITING; NEVER GIVE ANYTHING BY MOUTH TO A CONVULSING OR UNCONSCIOUS PERSON. IF SWALLOWED, DILUTE BY DRINKING LARGE AMOUNTS OF WATER. CONSULT A PHYSICIAN

SECTION 4, FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS;
USE FIRE FIGHTING MEASURES THAT SUIT THE ENVIRONMENT.

PROTECTIVE EQUIPMENT; WEAR SELF-CONTAINED BREATHING APPARATUR;
WEAR FULLY PROTECTIVE SUIT.

SECTION 5, REACTIVITY DATA

STABILITY; STABLE
CHEMICAL INCOMPATIBILITY; NONE
CONDITIONS TO AVOID; N/A

HAZARDOUS DECOMPOSITON PRODUCTS; CARBON MONOXIDE AND UNIDENTIFIED ORGANIC
COMPOUNDS MAY BE FORMED DURING OXIDATION

HAZARDOUS POLYMERIZATION; WILL NOT OCCUR
CONDITIONS TO AVOID; N/A
CORRSIVE TO METAL; N/A OXIDIZER; N/A

SECTION 6, ACCIDENTAL RELEASE MEASURES

WEAR PROTECTIVE CLOTHING.

MEASURES FOR ENVIRONMENTAL PROTECTION; NO SPECIAL MEASURES REQUIRED

MEASURES FOR CLEANIN / COLLECTION; CLEAN UP USING DRY PROCEDURES; AVOID DUSTING

ADDITIONAL INFORMATION; NO DANGEROUS SUBSTANCES ARE RELEASEDL

SECTION 7, HANDLING AND STORAGE

HANDLING; INFORMATION FOR SAFE HANDLING;
ENSURE GOOD VENTILLATION / EXHAUST AT THE WORKPLACE.

AVOID GENERATING DUST,
PROVIDE ADEQUATE VENTILATION IF DUST IS FORMED.

STORAGE; REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES; KEEP MATERIAL
DRY.

SECTION 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION

1333-84-2 ALUMINUM OXIDE (NON FIBROUS) ACGIH TLV 10MG/M3
OSHA PEL 15 TOTAL, 5 RESPIRABLE MG/M3

PERSONAL PROTECTIVE EQUIPMENT; N/A

GENERAL PROTECTIVE AND HYGIENIC MEASURES; DO NOT INHALE DUST. AVOID CONTACT WITH THE EYES.

BREATHING EQUIPMENT; USE SUITABLE RESPIRATORY PROTECTION IN CASE OF INSUFFICIENT VENTILLATION.

SHORT TERM FILTER DEVICE; FILTER NIOSH N95

PROTECTION OF HANDS; IMPERVIOUS GLOVES.

EYE PROTECTION; SAFETY GLASSES

SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES

FORM; CRYSTALLINE POWDER

COLOR; OFF WHITE ODOR; CHARACTERISTIC

CHANGE IN CONDITION;

MELTING POINT 2050C

BOILING POINT UNDETERMINED

FLASH POINT; N/A

AUTO IGNITING; PRODUCT IS NOT SELF IGNITING

DANGER OF EXPLOSION; NO EXPLOSION HAZARD

DENSITY; NOT DETERMINED

BULK DENSITY AT 20C .62 - .083 KG/M3, 38.0 - 51.8 LB/FT3

SECTION 10, STABILITY AND REACTIVITY

THERMAL DECOMPOSITON / CONDITIONS TO BE AVOIDED; NO DECOMPOSTITION IF USED ACCORDING TO SPECIFICATIONS.

REACTIONS; HEATING OCCURS WHEN WATER IS ADDED

DANGEROUS PRODUCTS OF DECOMPOSITION; NONE KNOWN

ADDITIONAL INFORMATION; NON CORROSIVE

SECTION 11, TOXICOLOGICAL INFORMATION

ACUTE TOXICITY;

PRIMARY IRRITANT EFFECT;

ON THE SKIN; CAN CAUSE MILD IRRITATION

ON THE EYE; CAN CAUSE MILD IRRITATION

INHALATION; CAN CAUSE MILD UPPER RESPIRATORY TRACT IRRITATION

INGESTION; CAN CAUSE MILD IRRITATION

SECTION 12, ECOLOGICAL INFORMATION

GENERAL NOTES; GENERALLY NOT HAZARDOUS FOR WATER

SECTION 13, DISPOSAL CONSIDERATIONS

COLLECT IN CONTAINERS, BAGS OR COVERED DUMPSTER BOXES. IF REUSE OR RECYCLING IS NOT POSSIBLE, MATERIAL MAY BE DISPOSED OF AT AND INDUSTRIAL LANDFILL

SECTION 14, TRANSPORT INFORMATION

THIS PRODUCT IS NOT D.O.T. REGULATED;
MSDS PREPARED BY: QUALITY CONTROL DEPT.

DATE REVISED 8/2005

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