

SAFETY DATA SHEET
BASE ABSORBENT/NEUTRALIZER

FILE NO.: SDSBN2014
SDS DATE: 1/22/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BASE ABSORBENT/NEUTRALIZER
PRODUCT CODES: PBN1212-2, PBN1212-4, SBN24-2, SBN24-4, BASEPADCASE, BASEPAIL

For Information: Storage Battery Systems, LLC
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WHMIS SYMBOLS: NONE

PRODUCT USE: DESIGNED TO ABSORB, ENCAPSULATE AND NEUTRALIZE LIQUID BASE SPILLS.
NOT RECOMMENDED FOR METALLIC NITRATES, CYANIDES, SULFIDES, AND STRONG OXIDIZERS. CONTACT WITH SODIUM OR CALCIUM HYPOCHLORITE CREATES CHLORINE GAS.
STARTS CREAM/ORANGE TO BLUE (HIGH CONCENTRATIONS), RED (MEDIUM CONCENTRATIONS), THEN BACK TO CREAM/ORANGE COLOR WHEN FINISHED.

AVAILABLE IN BOTTLES, PAILS & CONTAINED WITHIN A VARIETY OF FABRICS AS PILLOW, SOCKS OR PADS
PREPARED BY: Storage Battery Systems, LLC

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: NO HAZARDOUS INGREDIENTS
FILLER: POLYMER, CITRIC ACID AND THYMOL BLUE
SKIN: POLYPROPYLENE >99% 9003-07-0
ADHESIVE <1.0001% NOT APPLICABLE
STITCHING: POLYPROPYLENE <0.0001% 9003-07-0

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: ROUTES OF ENTRY: POTENTIAL HEALTH EFFECTS

EYES: YES – IF OUTER MATERIAL IS PUNCTURED, MAY CAUSE IRRITATION.
SKIN: YES – IF OUTER MATERIAL IS PUNCTURED, MAY CAUSE IRRITATION.
INGESTION: YES – IF OUTER MATERIAL IS PUNCTURED, MAY CAUSE BURNS OF MOUTH, NOSE, THROAT, STOMACH AND ESOPHAGUS. IF LARGE AMOUNTS ARE INGESTED, MAY CAUSE NAUSEA, VOMITING, DIARRHEA.
INHALATION: YES – IF OUTER MATERIAL IS PUNCTURED, MAY CAUSE RESPIRATORY IRRITATION. PRE-EXISTING RESPIRATORY DISORDERS MAY BE AGGRAVATED BY THIS PRODUCT.
CHRONIC: PROLONGED CONTACT MAY CAUSE BURNS AND DERMATITIS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EXISTING RESPIRATORY CONDITIONS.

SECTION 4: FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. LIFTING EYELIDS TO ENSURE COMPLETE REMOVAL. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
INGESTION: DRINK PLENTY OF WATER. CALL PHYSICIAN OR POISON CONTROL
INHALATION: IF INHALED, MOVE TO SOURCE OF FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

SECTION 5: FIRE-FIGHTING MEASURES

EXPOSURE LIMITS 8 HOURS, TWA (ppm): MINERAL NUISANCE DUST

TOTAL:	OSHA PEL 15mg/m ³	ACGIH TLV 10mg/m ³		
RESPIRABLE:	5mg/m ³	3mg/m ³		
FLAMMABLE LIMITS IN AIR (% BY VOLUME)	NOT ESTABLISHED	UPPER: NE		LOWER: NE
FLASH POINT:	NOT ESTABLISHED	°F: NONE		°C: NONE
METHOD USED (oc or cc):	NOT APPLICABLE			
AUTOIGNITION TEMPERATURE:	SLEEVE: 825°F (440°C)	FILLER: NON COMBUSTIBLE		

NFPA HAZARD CLASSIFICATION
HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

HMS HAZARD CLASSIFICATION

HEALTH:	FLAMMABILITY:	REACTIVITY:	PROTECTION:
EXTINGUISHING MEDIA:	USE MEDIA APPROPRIATE FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	POLYMER RESIDUE IS SLIPPERY WHEN WET		
HAZARDOUS DECOMPOSITION PRODUCTS:	CARBON DIOXIDE & CARBON MONOXIDE. THERMAL DECOMPOSITION MAY RESULT IN ACID FUMES.		

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

CONTAINMENT: RECOVERED SPILLS SHOULD BE PLACED IN CLOSED CONTAINERS AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

CLEAN UP: USE CAUTION AFTER CONTACT WITH WATER, AS EXTREMELY SLIPPERY CONDITIONS WILL RESULT. RESIDUALS MAY BE FLUSHED WITH WATER INTO THE DRAIN FOR NORMAL WASTEWATER TREATMENT. THIS IS A NON-HAZARDOUS WASTE SUITABLE FOR DISPOSAL IN AN APPROVED SOLID WASTE LANDFILL.

EVACUATION: NONE REQUIRED

SPECIAL: AVOID RESPIRABLE DUST INHALATION DURING CLEAN-UP. WEAR APPROPRIATE RESPIRATOR.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: STORE IN A COOL, DRY WELL VENTILATED AREA AWAY FROM INCOMPATIBLE CHEMICALS AND AWAY FROM FLAMMABLES, HEAT SOURCES, FOODSTUFFS, ANIMAL FEED AND MOISTURE.

STORAGE TEMPERATURE: ROOM TEMPERATURE

STORAGE PRESSURE: NOT APPLICABLE

SHELF LIFE: NOT ESTABLISHED, > THAN 5 YEARS WHEN STORED IN CLEAN, DRY ENVIRONMENT

GENERAL: IF OUTER MATERIAL IS PUNCTURED, AVOID BREATHING DUST. IF WET, FILLER IS VERY SLIPPERY. THE CONTAINER CAN BE HAZARDOUS WHEN EMPTY. DO NOT RE-USE EMPTY CONTAINERS FOR FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION, OR WHERE SKIN CONTACT CAN OCCUR.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST AS APPROPRIATE.

VENTILATION: PROVIDE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE TO LESS THAN 0.5mg/m³ OVER AN 8 HOUR PERIOD.

RESPIRATORY PROTECTION: YES – IF OUTER MATERIAL IS PUNCTURED, USE NIOSH/MSHA APPROVED DUST RESPIRATOR IN UNVENTILATED AREA.

EYE PROTECTION: YES – WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

SKIN PROTECTION: YES –NOT NORMALLY REQUIRED. HOWEVER, WHEN HANDLING BULK, USE OF CHEMICAL RESISTANT GLOVES IS A GOOD INDUSTRIAL PRACTICE IN THE MANUFACTURING ENVIRONMENT.

WORK HYGIENIC PRACTICES: EYEWASH FACILITY

EXPOSURE GUIDELINES: OBEY SAFETY PRECAUTIONS & PRACTICE GOOD HOUSEKEEPING and WASHING

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: ORANGE/CREAM PAD, SOCK OR PILLOW WITH LIGHT ORANGE OR LIGHT PURPLE CRYSTALLINE POWDER FILLER.
ODOR: NO ODOR
PHYSICAL STATE: SOLID
pH: NOT APPLICABLE
BOILING POINT: NOT APPLICABLE
MELTING POINT: SLEEVE: 160°F (71°C), FILLER: 1564°F (861°C)
FREEZING POINT:
VAPOR PRESSURE (mmHg): NOT ESTABLISHED
VAPOR DENSITY (AIR = 1): NOT ESTABLISHED
SPECIFIC GRAVITY (H₂O = 1): 2.2
EVAPORATION RATE: NOT APPLICABLE
SOLUBILITY IN WATER: 41% AT 200°C (392°F)

SECTION 10: STABILITY AND REACTIVITY

	<u>STABLE</u>	<u>UNSTABLE</u>
STABILITY:	YES	
CONDITIONS TO AVOID (STABILITY):	EXTREME HEAT	
CONDITIONS OF REACTIVITY:		DEPENDING ON THE CHEMICAL BEING NEUTRALIZED, SIGNIFICANT QUANTITIES OF HEAT MAY BE GENERATED, INCLUDING SOME OFF-GASSING
INCOMPATIBILITY (MATERIAL TO AVOID):	METALLIC NITRATES, CYANIDES, SULFIDES, AND STRONG OXIDIZERS.	CONTACT WITH SODIUM OR CALCIUM HYPOCHLORITE CREATES CHLORINE GAS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	CARBON DIOXIDE	
HAZARDOUS POLYMERIZATION:	MAY OCCUR	
CONDITIONS TO AVOID (POLYMERIZATION):	NONE	

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: ACUTE INHALATION OF RESPIRABLE DUST MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT AND LUNGS.
ACUTE TOXICITY – LD50/LC50: NOT ESTABLISHED FOR MIXTURES
CARCINOGENICITY: IARC: NO OSHA: NO
NATIONAL TOXICOLOGY PROGRAM: NO
CALIFORNIA PROP 65: NO LISTED INGREDIENT

SECTION 12: ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: IF MATERIAL IS UNUSED, DISPOSE AS NON-HAZARDOUS WASTE MATERIAL IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. REFER TO SAFETY DATA SHEETS OF ABSORBED MATERIALS.

SECTION 14: TRANSPORT INFORMATION

THIS PRODUCT IS NOT TRANSPORT REGULATED.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: NO COMPONENTS ARE LISTED IN THE WHMIS IDL
TSCA (TOXIC SUBSTANCE CONTROL ACT): ALL INGREDIENTS ARE LISTED
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NO REPORTABLE QUANTITY
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NO LISTED INGREDIENT
OSHA HAZARD COMMUNICATIONS STANDARD, 29 CFR 1910.1200: MINERAL NUISANCE DUST
313 REPORTABLE INGREDIENTS:
STATE REGULATIONS:
INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

THIS PRODUCT IS NOT STATE OR FEDERALLY REGULATED AS A HAZARDOUS MATERIAL.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: NONE – EXTREME
0 - 4
NFPA HAZARD RATINGS:
HEALTH 2
FIRE 0
REACTIVITY 0

PREPARATION INFORMATION:

DISCLAIMER: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE GIVEN. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED BY STORAGE BATTERY SYSTEMS, LLC, IS GIVEN. IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR LOCAL LAWS.