

4F-5, NO, 123, SEC. 3, TAICHUNG PORT ROAD, TAICHUNG, TAIWAN R.O.C.

TEL: 886 4 2358-0578

FAX: 886 4 2358-0059

E-mail: sales@yacht-battery.com

YACHT TECHNOLOGY (VIETNAM) CO., LTD.

LOT A_9H_CN, BAU BANG INDUSTRIAL PARK, BEN CAT DISTRICT, BINH DUONG PROVINCE, VIETNAM : 84 650 381 8548 FAX: 84 650 381 8557

PRODUCT NAME: Storage Battery-Dry

FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE, EXPLOSION, OR ACCIDENT CALL INFOTRAC:1-800-535-5053

MATERIAL SAFETY DATA SHEET

HAZARDOUS COMPONENTS

COMPONENTS		72 110000	LD 50	LC 50	LC 50 CONTACT
	% WEIGHT TLV	TLV	ORAL	INHALATION	
Lead (Pb. PbO ₂ PbSO ₄)	About 90%	N/A	(500) mg/kg	N/A	N/A
	About 5%	N/A	N/A	N/A	N/A
Fiberglass Separator Styron R 478 (Polystyrene)	About 5%	N/A	N/A	N/A	N/A

PHYSICAL DATA

201120)17	DENSITY	MELTING POINTS	SOLUBILITY (H2O)	ODOR	APPEARANCE
COMPONT	11.34	327.4°C (Boiling)	None	None	Silver-gray Metal
Lead	6.2	1070°C (Bolling)	40 mg/l (15°C)	None	White Powder
Lead Sulfate	9.4	290°C (Boiling)	None	None	Brown Powder
Lead Dioxide	9.4 N/A	N/A	SLIGHT	TOXIC	WHITE FIBROUS GLASS
Fiberglass Sep.		Marie Company	NONE	NO ODOR	SOLID
478 Polystyrene	N/A	N/A	NONE	NO COOR	SOLID

FLAMMABILITY DATA

COMPONET	FLASHPOINT	EXPLOSIVE LIMITS	COMMENTS
Lead	None	None	
Fiberglass Sep.	N/A	N/A	Toxic vapors may be relapsed. In case of fire: wear sell-contained breathing apparatus.
478 Polystyrene	None	N/A	Temperatures over 300°C (572°F) may release combustible gases. In case of fire. Wear positive pressure self-contained breathing apparatus.

REACTIVITY DATA

COMPONENT	Lead		
STASILITY	Stable at all temperatures	~	
POLYMEFIZATION	Will not polymerize		
INCOMPATISILITY	N/A		
DECOMPOSITION PRODUCTS	N/A		
CONDITIONS TO AVOID	Prohibit smoking, sparks etc. from battery charging area.		

PROTECTION

THE COLUMN COLUMN	PROTECTION	COMMENTS
EXPOSURE SITE	PROTECTION	Protective equipment must be worn if the battery is cracked or otherwise
SKIN	Rubber Gloves, Apron	damaged. A respirator should be worn during reclaim operations if the TLV is exceeded.
RESPIRATORY	Respirator (for lead)	
EYES	Safety Goggles, Face Shield	

ELECTRICAL SAFETY

Due to the battery's low internal resistance and high power density, high levels of short circuit current can be developed across the battery terminals. Do not rest tools or cables on the battery. Use insulated tools only. Follow all installation instructions and diagrams when installing or maintaining battery system.

HEALTH HAZARD DATA

LEAD: The toxic effects of lead are accumulative and slow to appear. It affects the kidney reproductive, and central nervous system. The symptoms of lead overexposure are aneinia, vomiting, headache, stomach pain (lead colic), dizziness, lost of appetite, and muscle and joint pain. Exposure to lead from a battery most often occurs during lead reclaim operations through the breathing or ingestion of lead dusts and fumes.

THIS DATA MUST BE PASSED TO ANY SCRAP DEALER OR SMELTER WHEN A BATTERY IS RESOLD

FIBERGLASS SEPARATOR: Fibrous glass is an irritant of the upper respiratory tract., skin and eyes. For exposure up to 10F/CC use MSA Comfoll with type H filter. Above 10F/CC up to 50F/CC used Ultra-Twin with type H filter. This product is not considered carcinogenic by NTP or OSHA