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SECTION 1. CHEMICAL PRODUCT IDENTIFICATION

Product Name: HYPERSTOP DB-2519
Chemical Name: Hydrophilic Bentonite Waterstop
Chemical Formula: Not Applicable (Mixture)
Emergency Contact: +82-2-5734690

SECTION 2. COMPOSITION / INFORMATION OF HAZARDOUS INGREDIENT

Chemical Name	CAS NO.	Amount	OSHA PEL	ACGIH TLV
Bentonite	1302-78-9	75%		
Isobutylene Isprene	9010-85-9	15%		
Polybutylene	9003-28-5	10%		

SECTION 3. HEALTH HAZARD IDENTIFICATION

Do not ingest. No danger Known

SECTION 4. FIRST AID MEASURES

IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION.

SECTION 5. FIRE FIGHTING MEASURES

- 5.1. SUITABLE EXTINGUISHING AGENTS
WATER, FOAM, CO₂, DRY POWER TO EXTINGUISH..
- 5.2. FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS
NO LIMITATION KNOWN
- 5.3. EXPOSURE RISKS CAUSED BY THE SUBSTANCE
KEEP AWAY FROM FIRE. DO NOT INHALE THE LIBERATED GAS.
- 5.4. PROTECTIVE EQUIPMENT
SUITABLE OXYGEN BREATHING EQUIPMENT.

SECTION 6. ACCIDENT RELEASE MEASURES

- 6.1. ENVIRONMENTAL PRECAUTIONS
NO PRECAUTION REQUIRED.

SECTION 7. HANDLING AND STORAGE

- 7.1. STORAGE
STORAGE TEMPERATURE LIMITS ARE 5 DEG C TO 45 DEG C.
- 7.2. HANDLING
NO PROTECTIVE EQUIPMENT REQUIRED.
- 7.3. FIREPROOF MEASURES
NO PARTICULAR PRECAUTION REQUIRED (SEE 5.3.)

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

No special protective equipment required

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	SOLID STRIP	MELTING POINT RANGE	NOT TESTED
COLOUR	BLACK	IGNITION TEMPERATURE	> 250 DEG C
ODOUR	NOT APPLICABLE	SELF INFLAMMABILITY	NOT TESTED
BOILING POINT	NOT APPLICABLE	SOLUBILITY IN WATER	NOT APPLICABLE
EXPLOSION DANGER	NOT APPLICABLE	SOLUBILITY IN SOLVENT	INSOLUBLE
STEAM PRESSURE	NOT APPLICABLE	CONDUCTIVITY	NOT TESTED
DENSITY	NOT TESTED	VISCISITY	NOT APPLICABLE

SECTION 10. STABILITY AND REACTIVITY

10.1. SITUATION TO AVOID	NO DANGEROUS SITUATION KNOWN
10.2. MATERIALS TO AVOID	NO DANGEROUS SITUATION KNOWN
10.3. DANGEROUS DECOMPOSITION PRODUCTS	NO DANGEROUS SITUATION KNOWN

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. ACUTE TOXICITY	NO ANIMAL TESTING HAS BEEN MADE. ON THE BASIC OF THE SINGLE COMPONENTS VALUS, THE FOLLOWING VALUE OF LD 50> 200,000MG/KG IS PRESUMED.
11.2. PRIMARY IRRITANT EFFECT	A PROLONGED CONTACT MIGHT CAUSE LIGHT IRRITATIONS
11.3. SENSIBILITY EFFECTS	NO SENSIBILITY EFFECT KNOWN
11.4. CHRONIC TOXICITY	NO DATA AVAILABLE

SECTION 12. ECOLOGICAL INFORMATION

12.1. DEGRADABILITY	THE PRODUCT IS HARDLY FEGRADABLE
12.2. WATER TOXICITY	NOT TESTED
12.3. ECOLOGICAL TOXICITY	NOT TESTED

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. PRODUCT	RETURN GOODS THE MANUFACTUER IN THE ORIGINAL PACKING OR DELIVER(FOLLOWING THE AREA REGULATIONS) TO AN AUTHORIZED WASTE MATERIAL COLLECTOR
13.2. WASTE MATERIAL CODE	SOLID PRODUCT, HYDROPHILIC BENTONITE PRODUCTS.
13.3. PACKING	DISCHARGE FOLLOWING THE AREA REGULATIONS

SECTION 14. TRANSPORT INFORMATION

14.1. ROAD TRANSPORT GGVE/GGVS	NOT A DANGEROUS GOOD IN TERMS OF NATIONALS AND INTERNATIONALS TRANSPORT REGULATIONS.
14.2. ROAD TRANSPORT IMDG	NOT A DANGEROUS GOOD IN TERMS OF NATIONALS AND INTERNATIONALS TRANSPORT REGULATIONS.
AIR TRANSPORT ICAO/IATA	NOT A DANGEROUS GOOD IN TERMS OF NATIONALS AND INTERNATIONALS TRANSPORT REGULATIONS.

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