SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

PRODUCT NAME	**950 Coal Ash Solidify**
PRODUCT USE	Solidification of fly ash slurry
MANUFACTURER'S NAME	**Specialty Products Group** 6254 Skyway Rd, PO Box 915 Tel 1-877-957-4626 3909 Witmer Rd Suite 1014 Smithville ON L0R 2A0 Fax 1-905-527-0606 Niagara Falls NY 14305
EMERGENCY NUMBER	613-996-6666 OR *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Flammability 5, Reactivity 5, Health 3

ROUTE OF ENTRY	Skin, eye
CARCINOGENIC STATUS	Not carcinogenic
TARGET ORGANS	Eye, respiratory system
HEALTH EFFECTS – EYE	Irritant
HEALTH EFFECTS – SKIN	Irritant
HEALTH EFFECTS – INGESTION	Irritation of mouth, throat and digestive track
HEALTH EFFECTS – INHALATION	Respiratory irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are non-hazardous and proprietary	

4. FIRST AID MEASURES

FIRST AID – INHALATION	If dust breathed, move to fresh air.
FIRST AID – SKIN	Wash off thoroughly with water
FIRST AID – EYE	Rinse immediately. Wash with plenty of water for 15 minutes
FIRST AID – INGESTION	Do not induce vomiting. Seek medical attention if discomfort persists.

INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed.
No further relevant information

Indications of any immediate medical attention and special treatment needed.
No further relevant information available.

5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	None
EXTINGUISHING MEDIA	N/A
SPECIAL HAZARDS OF PRODUCT	N/A
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	N/A
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Sweep up or vacuum up spillage and collect in suitable container for disposal
PERSONAL PRECAUTIONS	Avoid dust formation. Ensure adequate ventilation
ENVIRONMENTAL PRECAUTIONS	After dilution with water does not constitute hazard – except for increasing alkalinity in waterways

REFERENCES TO OTHER SECTIONS
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment
See Section 13 for disposal information

7. HANDLING AND STORAGE

HANDLING	Wear personal protective equipment
STORAGE	Store in a cool, dry, well-ventilated area. Store out of direct sunlight.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE
Not a fire hazard

SPECIFIC END USE(S)
No further relevant information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Use general ventilation to maintain air concentration below recommended exposure limit.
RESPIRATORY PROTECTION	If the TLV of 5 mg/m^3 is exceeded use a NIOSH/MSHA mask.
HAND PROTECTION	Wear gloves
EYE PROTECTION	Chemical splash goggles must be worn
BODY PROTECTION	Glove and body protection to prevent skin contact
PROTECTION DURING APPLICATION	Do not breathe dust or fumes

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid granules
ODOUR & APPEARANCE	Odorless, white
ODOR THRESHOLD (ppm)	N/A
SPECIFIC GRAVITY	0.6 g/cm^3
VAPOR DENSITY (AIR = 1)	NA
VAPOR PRESSURE at 20°C	ND
EVAPORATION RATE	None
BOILING POINT (°C/°F)	ND well over 120°C
FREEZING POINT (°C/°F)	Solid at room temperature
pH	12.4 saturated solution
COEFFICIENT OF WATER/OIL DISTRIBUTION	ND
SOLUBILITY IN WATER	Practically Insoluble
VOC (g/L)	0
FLASH POINT (PMCC) (°C/°F)	None
UPPER FLAMMABLE LIMIT %VOL	Non explosive
LOWER FLAMMABLE LIMIT %VOL	Non explosive
AUTOIGNITION TEMP (°C/°F)	N/A

10. STABILITY AND REACTIVITY

STABILITY	Moisture sensitive
CONDITIONS TO AVOID	Avoid dust formation
MATERIALS TO AVOID	Strong oxidizing agents, reducing agents, acids, bases
HAZARDOUS POLYMERIZATION	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS	None under normal processing

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	May cause severe irritation to nose, throat and respiratory tract
EFFECTS OF CHRONIC EXPOSURE	Chronic skin exposure may cause dermatitis
IRRITANCY	Can cause skin burns, irritating to respiratory system
SENSITIZATION	Not expected to be a skin or respiratory sensitizer
CARCINOGENICITY	Not listed as a carcinogenic agent
REPRODUCTIVE TOXICITY	No information
TERATOGENICITY	No information
MUTAGENICITY	No information
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	Not available

12. ECOLOGICAL INFORMATION

MOBILITY	950 is soluble in distilled water to the extent of 0.0004 i.e. 99.96% will remain intact and no further dissolution will occur. In the environment in the presence of magnesium and calcium ions, this solubility will be further considerably reduced. A precise figure cannot be given, because that will depend on the concentration of magnesium and calcium
PERSISTENCE/ DEGRADABILITY	Detailed experiments have been carried out using ^{13}C isotope to determine the stability of 950 in the environment. These results yielded a stability of 99.76% over one year period. Environmental conditions had insignificant effects on the stability. Furthermore temperature has insignificant effect on the stability of the product (range of temperatures tested: 200°C to 300°C)
BIO-ACCUMULATION	Product does not bioaccumulate.
ECOTOXICITY	Not toxic to wild life.

RESULTS of PBT and vPvB Assessment
PBT: N/A
vPvB: N/A

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Contain spill. Prevent large quantities from entering water ways and contacting vegetation.

UNCLEANED PACKAGINGS
Recommendation: Disposal must be made according to official regulations

14. TRANSPORTATION INFORMATION

CANADA	
HAZARD LABEL	NOT REQUIRED
EXPORT	
DOT CFR 172.101 DATA	Not regulated
UN PROPER SHIPPING NAME	
UN CLASS	
UN NUMBER	
UN PACKAGING GROUP	None Not regulated
FLASH POINT	N/A
HAZARDOUS MATERIAL	Not considered hazardous material
HAZARD LABEL	None
MARINE POLLUTANT	This product does not meet criteria for an environmentally hazardous mixture to IMDG code
SPECIFIC PRECAUTIONS FOR USER	None
TDG CLASSIFICATION	None, not regulated

15. REGULATORY INFORMATION

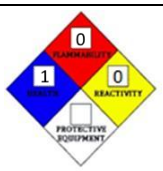
WHMIS CLASSIFICATION:
CEPA STATUS (DSL):
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

16. OTHER INFORMATION



HMIS Hazard ID:

0- MINIMAL;
1- SLIGHT;
2- MODERATE;
3- SERIOUS;
4- SEVERE



NFPA Hazard ID:

0- MINIMAL
1- SLIGHT
2- MODERATE
3- SERIOUS
4- SEVERE

ABBREVIATION Key		
	N/A:	Denotes no applicable information found or available
	CAS#:	Chemical Abstracts Service Number
	ACGIH:	American Conference of Governmental Industrial Hygienists
	OSHA:	Occupational Safety and Health Administration
	TLV:	Threshold Limit Value
	PEL:	Permissible Exposure Limit
	STEL:	Short Term Exposure Limit
	NTP:	National Toxicology Program
	IARC:	International Agency for Research on Cancer
	R:	Risk
	S:	Safety
	LD50:	Lethal Dose 50%
	LC50:	Lethal Concentration 50%

PREPARED BY:	Specialty Products Group Inc.
SDS REVISION DATE	November 1, 2026

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.