

JAN. -28' 97 (TUE) 11:00 MSI NORCROSS

TEL: 404 717 1908

P. 002

**ISOLYSER
CSS™ CANISTER SOLIDIFICATION SYSTEM**

MATERIAL SAFETY DATA SHEET

ISOLYSER COMPANY, INC.
4320 International Blvd.
Norcross, Georgia 30093

MEDICAL EMERGENCIES:

(770) 582-6363
Frank Stanton,
Director of Regulatory Affairs
CHEMTREC ASSISTANCE:
(800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: ~~CSS 500, CSS 1000~~ CSS 2000, CSS 3000
SYNONYM: NO SPILL
CHEMICAL FAMILY: Cross-linked polyprotic resin
FORMULA: Proprietary Formulation
CAS NUMBER: None Assigned
DOT SHIPPING NAME: Fluid Waste Pickup
DOT HAZARD CLASS: Non-Hazardous
UN/NA NUMBER: None Assigned
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATING:
Health = 2 Flammability = 0 Reactivity = 0 Protective Equipment = B

SECTION II - HEALTH SAFETY ALERT

CAUTION: May cause skin and eye irritation. Dust may be irritating if inhaled. Avoid prolonged or repeated contact with powder and solutions. Do not use this product until MSDS has been read and understood

SECTION III - HEALTH HAZARD INFORMATION

EYE: Direct contact with resin granules can produce moderate to severe irritation.
SKIN: May produce mild irritation or drying on prolonged or repeated contact.
INHALATION: Prolonged or repeated inhalation may produce nose or throat irritation, headache, nausea and dizziness. Severe overexposure may lead to disorientation, weakness and collapse with a drop in blood pressure.
INGESTION: Swallowing this product may lead to mouth and stomach irritation and may cause nausea, vomiting or purging. SEE SECTION XII.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Seek medical aid.
SKIN CONTACT: Wipe or wash material from skin. Immediately change and wash contaminated clothing. Seek medical aid.
INHALATION: Remove from exposure. Administer artificial respiration and oxygen if necessary. Seek medical aid.
INGESTION: Call Chemtrec at 1-800-424-9300 and seek medical aid.

SECTION V - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT & METHOD: NA **AUTO IGNITION TEMP:** Not Determined
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Water spray, dry chemical, foam, carbon dioxide or halon.
FIRE AND EXPLOSION HAZARDS: Combustion may evolve sulfur oxide, carbon dioxide, and carbon monoxide.

SECTION VI - SPILL, LEAK, AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES: Take up with pan and broom, wear gloves. For very large amounts, use personal respiratory protection and eye protection. Shut off sources of ignition. Evacuate area and guard against fire.
WASTE DISPOSAL: All waste disposal must be done in accordance with applicable regulations.

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REPLACES: 07/25/96
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SECTION VII - OCCUPATIONAL EXPOSURE LIMIT/HAZARDOUS INGREDIENTS

EXPOSURE LIMIT (Product): Work place exposure limit 5 mg/m³ (respirable; general dust); amorphorous silica has a OSHA PEL of 20 mppcf (million particles per cubic foot of air).

HAZARDOUS INGREDIENTS	CAS NO.	PERCENT	EXPOSURE
Amorphous silica dioxide	112926-00-8	< 1.0%	20 mppcf
POE (2) coco amine	61791-14-8	< 2%	not determined
Polyacrylate		< 97	0.05 mg/m ³

*Identity of specific components of this mixture are proprietary.

SECTION VIII - PERSONAL PROTECTION INFORMATION

EYE PROTECTION: Safety shield or glasses.
SKIN PROTECTION: Rubber or plastic gloves impervious to blood or body fluids.
RESPIRATORY PROTECTION: NIOSH/OSHA approved air purifying or air-line respirator when dust levels exceed exposure limits (0.05mg/m³ respirable PEL).
VENTILATION: Special ventilation not required for normal use.

SECTION IX - PERSONAL HANDLING INSTRUCTIONS

HANDLING: Practice reasonable care and cleanliness. Keep container closed to avoid moisture pickup. Wash hands thoroughly after handling.
STORAGE: Store in cool, dry area. Eliminate source of ignition such as static discharge, open flames etc.
OTHER: Do not take internally. Wash exposed areas promptly and thoroughly after contact and before eating, drinking, use of tobacco products, or use of restrooms. Do not wear contacts without eye protection.

SECTION X - REACTIVITY DATA

CONDITION CONTRIBUTING TO INSTABILITY: Material stable but can combust.
INCOMPATIBILITY: Oxidizing agents, alkalis
HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, sulfur oxide gases may form when temperatures exceed 1400 °F (one component)
CONDITION CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None.

SECTION XI - PHYSICAL DATA

BOILING POINT:	not available*	SPECIFIC GRAVITY:	not available
VAPOR PRESSURE:	not available	EVAPORATION RATE:	not applicable
SOLUBILITY:	Insoluble in water	pH (0.5 % in Saline):	6.0-7.0
APPEARANCE/ODOR:	Free-flowing crystalline to granular tan powder/Slight amine odor		

* These data are applicable to individual components of CSS.

SECTION XII - COMMENTS

Persons with a history of disease or illness involving the skin, eyes, respiratory tract or circulatory system may be at greater risk of developing adverse health effects from exposure to this product.

No known ingredients which occur at greater than 0.1% are listed as carcinogens by the IARC Monographs on the Evaluation of the Carcinogenic Risk to Humans, or the NTP Annual Report on Carcinogens. Amorphorous silica is listed in OSHA 29 CFR 1910.1001-1047 Subpart Z Toxic and Hazardous Substances.