

WESTERN RESERVE CHEMICAL

4837 DARROW RD. PH# 330-650-2244
STOW, OHIO 44224 Fax# 330-650-2255

MATERIAL SAFETY DATA SHEET

WESTCO RUBBERMAKERS SULFUR

CAS #

7704-34-9

1. Product Identifications

Product Name: WESTCO RUBBERMAKERS SULFUR
Chemical Name: Elemental Sulfur

2. Physical Description/Properties

Specific Gravity:	2.07
Melting Point (C° Min):	112-119
PH Value	NA
Appearance:	Yellow powder
Solubility:	Insoluble in water
Volatiles %	<0.15
Ash %	<0.1

3. Hazard Information

Combustible dust

Keep away from heat, sparks and flame.
Eye irritant-Can cause redness, tearing and swelling.
Skin contact may cause allergic reaction.
Inhalation may cause upper respiratory irritation.
Ingestion: Sulfur has a low order of toxicity.

4. First Aid Information

Skin: Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.

Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention if large amounts are swallowed.

Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage: Store in a dry well-ventilated area avoiding direct exposure to sunlight

Stability in storage: two years

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

Low toxicity

LD50 acute oral for rats: ND

LD50 acute skin for rats: ND

8. Fire and Explosion Data

Flash point: 207°C
Exposure standard limits: Lower 35gm³
Upper 1400g/m³
Flammable
Extinguish Media: Spray water, Carbon Dioxide or steam.
Conditions to avoid: Dusts or vapors can form explosive mixtures with air.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.
Hazardous Polymerization: Does not occur.
Materials to avoid: Strong oxidizers, nitrates, charcoal, metals, carbides and halogens.
Hazardous products of decomposition: Oxides of sulfur, hydrogen sulfide.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Other Information

HMIS Classification Health 1 Flammability 0 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

6/04