

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION:

Trade Name.....: Q-S

Class.....: Sealing Powder

DOT/UN Hazard Classification: Not Regulated

Manufacturer: The Dodge Company, Inc.
165 CambridgePark Drive
Cambridge, MA 02140-2388
(617) 661-0500

Hazard Rating: FIRE..... 0 4 = Extreme
HEALTH..... 1 3 = High
REACTIVITY..... 0 2 = Moderate
SPECIAL..... 0 1 = Slight
0 = No Hazard

II. HAZARDOUS INGREDIENTS:

<u>Common Name</u>	<u>Chemical Family</u>	<u>CAS#</u>	<u>Wt %</u>	<u>Exposure Limit</u>
Cross-Linked Sodium Polyacrylate Polymer		9033-79-8	44	0.5 mg/m ³ Dust (OSHA TWA)

III. PHYSICAL DATA:

Boiling Point (°F).....: N.A. Bulk Density (gms/cm³).....: 0.850
Vapor Pressure (mm Hg): N.A. Percent Volatile (by volume).....: N.A.
Vapor Density (Air=1)....: N.A. Evaporation Rate (Bu Acetate=1): N.A.
Solubility in Water.....: Swells on contact with water pH.....: N.A.

Appearance and Odor: Creamy-tan fine powder, odorless.

IV. FIRE AND EXPLOSION HAZARD DATA:

Flammable Limits in Air: N.A. Flash point: Will not burn.

Extinguishing Media: Foam, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) to avoid inhaling dust.

Unusual Fire and Explosion Hazards: Wetted product presents a slip hazard. Under certain conditions, a fine dust of this material in the air may cause a dust explosion if ignited.

V. REACTIVITY DATA:

Stability: Stable. Hazardous Polymerization: Will not occur.

Conditions to Avoid: None Known.

Incompatibility (materials to avoid): Avoid contact with strong oxidants such as liquid chlorine, sodium hypochlorite, and acids.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and various hydrocarbons.

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VI. HEALTH HAZARD DATA: Primary routes of entry: INHALATION, SKIN.

Hazard Identification:

INHALATION: Dust may cause irritation.

SKIN: May cause irritation.

EYE CONTACT: May irritate the eye.

INGESTION: May cause irritation or burn digestive tract.

Emergency and First Aid Procedures:

INHALATION: Remove person to fresh air.

SKIN: Wash skin with soap and water. Launder clothing before re-use.

EYE CONTACT: Flush eyes with water for at least for 15 minutes. Contact a physician, if necessary.

INGESTION: Give large quantities of water and induce vomiting if person is conscious. If discomfort persists, contact a physician.

VII. SAFE HANDLING AND USE:

Spill Procedures: Clean up the solid/liquid material carefully. Remove absorbent material to a chemical disposal area. Avoid adding water, the product will become slippery when wet.

Waste Disposal: Improper disposal can cause damage to the environment. Dispose of all material in accordance with federal, state, and local regulations.

VIII. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: NIOSH approved purifying respirators should be used whenever dust levels exceed exposure limits.

Protective Gloves: Impervious gloves with non-slip coating or surface.

Eye Protection: Safety goggles for normal use.

Ventilation: Local exhaust is recommended to control airborne levels below exposure limits.

IX. SPECIAL PRECAUTIONS:

Handling and Storage: Avoid contact with eyes, skin, and clothing. Avoid prolonged breathing of dust. Keep containers tightly closed when not in use. Wash thoroughly after handling.