

**J.M. Smucker Company**  
Cincinnati, Ohio 45217

# MATERIAL SAFETY DATA SHEET

Issue Date: 2/08/08

Section 1	
Emergency Telephone Number: 513-482-8000	
Identity: Crisco No-Stick Cooking Spray, Crisco No-Stick Olive Cooking Spray, Crisco Professional, Crisco Butter Flavor No-Stick Cooking Spray (all sizes)	
Ingredients/Chemical Name: Vegetable Oil (Canola oil), Olive oil, soy lecithin, natural butter flavors with other natural flavors, Dimethyl Silicone and propellant	
Other: Aerosol Pan Release	

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION						
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200						
Chemical Name	Common Name	CAS No.	ACGIH TLV	OSHA PEL	Other Limits Recommended	
Propane / Isobutane		68476-86-8	900 ppm	900 ppm		
Vegetable Oil			10 mg/m3	10 mg/m3		
DOT Classification: Aerosols, Flammable (each not exceeding 1 liter capacity) (UN 1950) Consumer commodity ORM-D						

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS	
Boiling Point (F): -5.92°F Propellant	Specific Gravity (H2O=1): 0.85
Vapor Pressure (mm Hg): 60 +/-5 psig @70°F	Percent Volatile by Volume (%): 12-18%
Vapor Density (Air=1): Heavier than air	Evaporation Rate (nBuOAc=1): slower than B-acetate
Solubility in Water: Negligible	Appearance and Odor: Liquid under pressure

Section IV – FLAMMABILITY AND REACTIVITY	
Flash Point (Method Used): -131°F propellant	Explosive Limits: LEL: 1.8% UEL: 9.5%
625°F concentrate	
Extinguishing Media: Use CO2 or dry chemical, water may be ineffective	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus with a full-face piece operated in a positive pressure mode. Water fog may be used to help cool containers to help minimize pressure buildup. Vapors are heavier than air and may travel along the ground to sources of ignition	
Unusual Fire Hazards: Exposure to temperatures over 120° F may cause cans to burst. Reports have been made of ignition from pilot lights, heaters, etc. after vapors have been moved by ventilating fans. Exploding cans may travel great distances spewing burning material.	
Stability: Stable	Conditions to Avoid: None Known
Incompatibility (Materials to avoid): Strong oxidizers, heat and ignition sources	
Hazardous Decomposition / By Products: Oxides or carbon, nitrogen	Conditions to Avoid: None Known
Hazardous Polymerization: Will Not occur	

<b>SECTION V – HEALTH AND SAFETY DATA</b>
Route(s) of Entry: Eye Contact, inhalation and skin contact.
Health Hazards (Acute and Chronic): Eye contact can cause pain and slight corneal injury, vapors irritate eyes. Breathing may be mildly anesthetic, narcotic effects may be seen in the 500-10000 ppm range. Progressively higher levels can cause dizziness, unconsciousness and death. Prolonged or repeated skin contact may cause irritation, defatting.
Signs and Symptoms of Exposure: Eye contact may cause pain, tearing, itching, swelling and/or redness. Inhalation may cause dizziness, and at high levels unconsciousness or death. Prolonged skin contact may result in redness, itching and irritation.
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis conditions may be aggravated by prolonged contact with the product.
Emergency and First Aid Procedures: Eyes: Irrigate with flowing water at least 10 minutes. Hold lids open as it helps prevent scratching and minimizes irritation. Seek medical attention as material may become imbedded. Skin: Wash with soap and water. Consult a physician if irritation persists. Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Inhalation: Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult give oxygen. Call a physician as excessive exposure may cause irritation to the upper respiratory system.

<b>SECTION VI PRECAUTIONS FOR SAFE HANDLING AND USE</b>
Precautions to be Taken in Handling and Storing: Store below 120° F. Avoid direct sources of heat and ignition. Consult local fire marshal and insurance representative for specific storage requirements in your area.
Other Precautions: Do not use deformed or damaged cans. Keep out of reach of children.
Steps to be Taken in Case Material is Released or Spilled: Small spills: Absorb with inert material and dispose in trash. Large spills: Not likely with aerosol cans. Extinguish sources of ignition; ventilate area to remove propellant vapors. Be cautious of low-lying areas where vapors will accumulate. Do not enter areas without protective equipment. Do not allow to enter ground water or sewer systems. Absorb with inert material and place in waste disposal drums. Report spill if required by SARA III.
Waste Disposal Method: When disposing of unused containers, the preferred method is to send to a licensed reclaimer of incineration facility capable of handling aerosol cans. Do not puncture or incinerate without the proper equipment, as explosions are likely to occur with disastrous effects. In all instances dispose in accordance with federal, state and local guidelines.

<b>SECTION VII – SPECIAL PROTECTION INFORMATION</b>
Respiratory Protection (Specify Type): If using areas where the TV is likely to be exceeded, use a NIOSH/MSA approve respirator.
Ventilation   Local Exhaust: None required with normal use.   Special: None
Mechanical (General) : Acceptable   Other: None
Eye Protection: None required with normal usage   Protective Gloves: None required with normal use. Protective gloves should be worn if prolonged direct contact is anticipated.
Other Protective Equipment: None required with normal use.
Submitted for Review by:
D.A.Volker 02/2008

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.