

CROWN ALLOYS

COMPANY

MATERIAL SAFETY DATA SHEET

Section 1 – COMPANY AND MATERIAL IDENTIFICATION

PRODUCT TYPE: Anti-spatter jel for dipping or wiping nozzles, tips, jigs, fixtures, etc.
TRADE NAME: CROWN 69-DIP
 CLASSIFICATION: Anti-spatter Jel

VENDOR: Crown Alloys Company
 ADDRESS: 30105 Stephenson Hwy.
 Madison Heights, MI. 48071 Emergency 24 hour telephone #
 TELEPHONE: (248) 588-3790 CHEMTREC (800) 424-9300
 WEBSITE: www.crownalloys.com
 DATE: August 13, 2010

Section 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

IMPORTANT! This section covers the material from which this product is manufactured. The fumes and gases produced when welding with normal use of this product is covered in Section 5.

This product contains no V.O.C. compounds and no hazardous materials.

Ingredient	CAS No.	PEL,ppm	TLV,ppm	Wt. %
Petroleum Hydrocarbon (Petrolatum)	8009-03-8			100

The above ingredient in this product are not listed in 29 CFR 1910 Subpart 2 nor do they appear in "Threshold Limit Values for Chemical Substances in the work environment adopted by ACGIH for 1985-86."

HMIS RATING (Hazardous Materials Information System)

Health (blue) - 0	Flammability (red) - 1	Reactivity (yellow) - 0	Protective Equipment - X (See Section 7)
-------------------	------------------------	-------------------------	---

Health Hazard: 0 (minimal acute or chronic exposure hazard); 1 (slight acute or chronic exposure hazard); 2 (moderate acute or significant chronic exposure hazard); 3 (severe acute exposure hazard; one time overexposure can result in permanent injury and may be fatal); 4 (extreme acute exposure hazard; onetime overexposure can be fatal).

Flammability Hazard: 0 (minimal hazard); 1 (materials that require substantial pre-heating before burning); 2 (combustible liquid or solids; liquids with a flash point of 38-93°C [100-200°F]); 3 (Class IB and IC flammable liquids with flash points below 38°C [100°F]); 4 (Class IA flammable liquids with flash points below 23°C [73°F] and boiling points below 38°C [100°F]).

Reactivity Hazard: 0 (normally stable); 1 (material that can become unstable at elevated temperatures or which can react slightly with water); 2 (materials that are unstable but do not detonate or which can react violently with water); 3 (materials that can detonate when initiated or which can react explosively with water); 4 (materials that can detonate at normal temperatures or pressures).

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDS's under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA.

CROWN ALLOYS COMPANY

Section 3 - PHYSICAL and CHEMICAL CHARACTERISTICS

Boiling Point:	NA	Specific Gravity (H₂O=1):	0.831
Vapor Pressure / PSIG@70°F (Aerosols):	NA	Vapor Pressure / mm HG and Temperature (Non-Aerosols):	0.005
Vapor Density (AIR=1):	NA	Evaporation Rate (Butyl Acetate=1):	NA
Solubility in Water:	Negligible		
Water Reactive:	No		
Appearance and Odor:	Purple paste hydrocarbon - no odor.		

Section 4 - FIRE and EXPLOSION HAZARD DATA

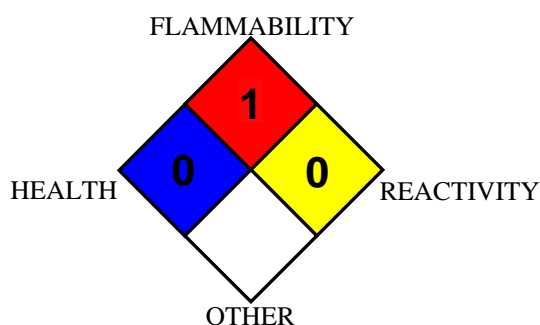
NATIONAL FIRE PROTECTION ASSOCIATION:

Health Hazard: 0 (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); 1 (materials that on exposure under fire conditions could cause irritation or minor residual injury); 2 (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); 3 (materials that can on short exposure cause serious temporary or residual injury); 4 (materials that under very short exposure causes death or major residual injury).

Flammability Hazard: Refer to definitions for "HMIS RATING (Hazardous Materials Information System)"

Reactivity Hazard: Refer to definitions for "HMIS RATING (Hazardous Materials Information System)"

NFPA RATING



Flash Point and Method Used (Non-Aerosols):

425° F TCC

Flammable Limits in Air % by Volume:

%LEL - Unknown %UEL - Unknown

Extinguishing Media:

Carbon dioxide, dry chemical or foam.

Auto Ignition Temperature:

Unknown

Flammability as per USA Flame Projection Test (Aerosols):

NA

Unusual Fire & Explosion Hazards:

None

Special Firefighting Procedures:

Wear self-contained respiratory apparatus for protection.
Water spray is an unsuitable extinguishing agent.

Section 5 - REACTIVITY DATA

STABILITY: Crown 69 DIP is stable.

Conditions To Avoid: None.

Incompatibility

(Materials to Avoid): Avoid contact with strong oxidizing agents.

**Hazardous
Decomposition or
Byproducts:**

May form carbon monoxide and dioxide.

HAZARDOUS

POLYMERIZATION: Will not occur.

Conditions To Avoid: None known.

CROWN ALLOYS

COMPANY

Section 6 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Not Hazardous

ACUTE HEALTH EFFECTS:

Inhalation: None.
Eye Contact: Mild irritation. Reddening of eyes.
Skin Contact: Reddening of skin.
Ingestion: N/A

CHRONIC HEALTH EFFECTS:

Mild Irritant

Medical Conditions Generally Aggravated by Exposure: Existing Dermatitis

EMERGENCY FIRST AID PROCEDURES:

Inhalation: Remove to fresh air.
Eye Contact: Flush with water for fifteen minutes.
Skin Contact: Wash with soap and water.
Ingestion: Drink two glasses of water.

CARCINOGENICITY: N/A

Section 7 - PRECAUTIONS FOR SAFE HANDLING & USE / APPLICABLE CONTROL MEASURES

RESPIRATORY PROTECTION: Normally not required.

PROTECTIVE CLOTHING: Rubber protective gloves if desired. When molten, wear coveralls.

EYE PROTECTION: Face shield and goggles should be worn, especially if product is molten.

VENTILATION: N/A

HYGIENIC WORK PRACTICES: Wash hands before handling food.

PROCEDURE FOR CLEANUP OF SPILLS OR LEAKS: Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material. Larger spill should be collected and reused. Finally, clean area with an oil absorbent material. Incinerate or landfill according to local, state, and federal regulations.

WASTE DISPOSAL METHODS: Dispose of in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Label all containers. Store away from flame, heat (250°F) maximum. Also keep away from strong oxidizing agents. Empty containers must be considered a fire hazard.

OTHER PRECAUTIONS: None.

Section 8 – DEFINITIONS

CAS No.	Chemical Abstracts Service Number	PEL	Permissible Exposure Level
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short Term Exposure Limit	CLG	Ceiling Limit
IARC	International Agency for Research on Cancer	NTP	National Toxicology Program
ACGIH	American Conference of Governmental Industrial Hygienists		

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.

NEW JERSEY RIGHT TO KNOW INFORMATION:

(5 most predominant ingredients/hazardous & non-hazardous)

Petroleum Hydrocarbon	CAS No.	8009-03-8
Anthraquinone Purple Dye	CAS No.	14233-37-5