

**19910-All Except:  
-1148 -1160 -2350**

## Material Safety Data Sheet

MOLOTOW Distribution, Feuerstein GmbH  
Willy-Brandt-Str 9/2  
D-77933 Lahr/Schwarzwald

IDENTITY (As Used on Label and List)  
Molotow One 4 All

### Section I

MOLOTOW Distribution, Feuerstein GmbH

Willy-Brandt-Str 9/2  
D-77933 Lahr/Schwarzwald

+49 (0) 7821 - 92229 0

January 30, 2009

### Section II - Hazardous Ingredients/Identity Information

(Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV TWA 1000 ppm	Recommended	% (optional) 2 - 4
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Titanium dioxide (except black and metallic colors)		TWA 10 mg/m3		8 - 15.5
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### Section III - Physical/Chemical Characteristics

Boiling Point	Approx. 100	Specific Gravity (H2O = 1)	1.09 - 1.26
		metallic	1.07 - 1.08
Vapor Pressure (mm Hg.)	N.D.	Melting Point	N.D.
Vapor Density (AIR = 1)	N.D.	Evaporation Rate (Butyl Acetate = 1)	N.D.
Solubility in water:	soluble completely.		
Appearance and Odor	colored liquid with low viscosity odorless.		

### Section IV - Fire and Explosion Hazard Data

Extinguishing Media N.A.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

### Section V - Reactivity Data

Stability	Unstable	Conditions to avoid:
	Stable X	
Incompatibility (materials to Avoid):	None	
Hazardous Decomposition or Byproducts:	None	
Hazardous Polymerization	May Occur	Conditions to avoid:
	Will not Occur X	
N.A. = Not Applicable. N.D. = Not Determined.		

Item Numbers: 19910-1002, 19910-1004, 19910-1009, 19910-1012, 19910-1015, 19910-1019, 19910-1022, 19910-1048, 19910-1060, 19910-1102, 19910-1104, 19910-1201, 19910-1202, 19910-1204, 19910-1215, 19910-1248, 19910-1280, 19910-1360, 19910-1502, 19910-1504, 19910-1505, 19910-1515, 19910-1605, 19910-1612, 19910-1702, 19910-1704, 19910-1705, 19910-1730, 19910-1902, 19910-1904, 19910-1905, 19910-1915, 19910-2001, 19910-2002, 19910-2004, 19910-2005, 19910-2015, 19910-2030, 19910-2048, 19910-2080, 19910-2092, 19910-2094, 19910-2095, 19910-2110, 19910-2125, 19910-2250, 19910-2802, 19910-2804, 19910-2805, 19910-2815, 19910-3102, 19910-3104, 19910-3105, 19910-3115, 19910-3130, 19910-3302, 19910-3304, 19910-3305, 19910-3315, 19910-3402, 19910-3404, 19910-3405, 19910-3430, 19910-3502, 19910-3504, 19910-3505, 19910-3602, 19910-3604, 19910-3605, 19910-3615, 19910-3630, 19910-3702, 19910-3704, 19910-3705, 19910-3902, 19910-3904, 19910-3905, 19910-3915, 19910-3930, 19910-3948, 19910-4205, 19910-4230, 19910-4405, 19910-4430, 19910-4502, 19910-4504, 19910-4505, 19910-4515, 19910-4530, 19910-4602, 19910-4604, 19910-4702, 19910-4704, 19910-4705, 19910-4730, 19910-4802, 19910-4804, 19910-4902, 19910-4904, 19910-4905, 19910-4915, 19910-4930, 19910-4948, 19910-5202, 19910-5204, 19910-5205, 19910-5215, 19910-5230, 19910-5302, 19910-5304, 19910-5305, 19910-5315, 19910-5502, 19910-5504, 19910-5505, 19910-5602, 19910-5604, 19910-5605, 19910-5702, 19910-5704, 19910-5705, 19910-5730, 19910-5802, 19910-5804, 19910-5805, 19910-5830, 19910-5902, 19910-5904, 19910-5905, 19910-5915, 19910-5930, 19910-5948, 19910-6302, 19910-6304, 19910-6305, 19910-6315, 19910-6602, 19910-6604, 19910-6605, 19910-6630, 19910-6802, 19910-6804, 19910-6805, 19910-6815, 19910-6830, 19910-7102, 19910-7104, 19910-7105, 19910-7115, 19910-7130, 19910-7202, 19910-7204, 19910-7205, 19910-7230, 19910-7302, 19910-7304, 19910-7305, 19910-7330, 19910-7430, 19910-7602, 19910-7604, 19910-7605, 19910-7630, 19910-7702, 19910-7704, 19910-7705, 19910-7802, 19910-7804, 19910-7805, 19910-8102, 19910-8104, 19910-8105, 19910-8202, 19910-8204, 19910-8205, 19910-8730, 19910-8902, 19910-8904, 19910-8905, 19910-8915, 19910-8930, 19910-9000, 19910-9202, 19910-9204, 19910-9205, 19910-9302, 19910-9304, 19910-9305, 19910-9322, 19910-9324, 19910-1182, 19910-1184, 19910-1372, 19910-1374, 19910-3042, 19910-3044, 19910-3062, 19910-3064, 19910-5112, 19910-5114, 19910-5862, 19910-5864, 19910-5872, 19910-5874, 19910-5922, 19910-5924, 19910-6062, 19910-6064, 19910-7152, 19910-7154

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**Section VI - Health Hazard Data**

**Route(s) of Entry:** Inhalation ? Skin ? Ingestion ?  
 No No and Yes  
**Health Hazards (Acute and Chronic)**  
 None expected. Acute oral toxicity: LD-50 > 2,000 mg/kg (Black, Blue & Gold)  
**Carcinogenicity:** NTP? IARC Monographs? OSHA Regulated ?  
**Sign and Symptoms of Exposure:** None expected.

**Medical Conditions Generally Aggravated Exposure:** None

**Emergency and First Aid Procedures:**  
**Eyes:** Immediately flush with water enough, see a physician.  
**Skin:** Wash with soap water. **Ingestion:** Do not induce vomiting. See a physician.

**Section VII - Precautions for safe Handling and Use**

**Steps to Be Taken in Case Materials Is Released Spilled**  
 Wash with soap water and remove with cloth.

**Waste Disposal Method:**  
 Waste disposal should be in accordance with the existing environmental regulation.

**Precautions to Be Taken in Handling and Storing**  
 Do not store under direct sunlight.

**Other Precautions:**  
 Do not take internally

**Section VIII - Control Measures**

**Respiratory Protection (Specify Type):** None required.  
**Ventilation:** Local Exhaust Special  
 None required. Mechanical (General) Other  
**Protective Gloves:** None required. **Eye Protection:** None required.  
**Other Protective Clothing or Equipment:** None required.  
**Work/Hygienic Practices:** Standard procedure.

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