MATERIAL SAFETY DATA SHEET

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I - Product Identification

Epoxy-Grip Spray Coating - Black

PRODUCT CODE: 8032
CHEMICAL FORMULATION: Pressurized solvent based coating.
NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 1 **FLAMMABILITY:** 4 **REACTIVITY**: 3
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR: 302	355	372	CAS #
Acetone	30.0	750 ppm	500 ppm (skin)	N	N	N	67-64-1
Propane (propellant)	13.85	1000 ppm	1000 ppm	N	N	N	74-98-6
Xylene (mix)	9.38	100 ppm	100 ppm	Y	N	Y	1330-20-7
N-Butane	8.15	800 ppm	800 ppm	N	N	N	106-97-8
Carbon Black	6.25	3.5 mg/m^3	3.5 mg/m^3	N	N	N	1333-86-4
Methyl Iso-butyl Ketone	4.80	50 ppm	50 ppm	Y	N	Y	108-10-1
PM acetate	3.95	N/E	N/E	N	N	N	108-65-6
Calcium Carbonate (as total dust)	3.70	(15 mg/m^3)	(10 mg/m^3)	N	N	N	1317-65-3
Ethyl Benzene	2.50	100 ppm	100 ppm	Y	N	Y	100-41-4
Silicone Dioxide Amorphous Synthetic	2.15	80 mg/m^3	10 mg/m^3	N	N	N	112926-00-8

Key: **PEL**: Permissible Exposure Limit **TLV:** Threshold Limit Value **C**: Ceiling level **STEL**: Short Term Exposure Limit
N/A: Not Applicable **N/D**: Not Determined **N/E**: Not Established **Y**: Yes **N**: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): -47
VAPOR PRESSURE (@ 68°C): 8300.0 hPa
VAPOR DENSITY (AIR = 1): N/D
SOLUBILITY IN WATER: N/D
APPEARANCE AND ODOR: Black liquid; characteristic odor.
SPECIFIC GRAVITY (WATER = 1): N/D
VOC CONTENT (% by weight): N/D
EVAPORATION RATE (WATER = 1): N/D
PH: N/A

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 45 (concentrate) **(TEST METHOD):** Tagliabue Closed cup **FLAME EXTENSION:** N/D
FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** 13.0 **LOWER:** 1.7 **NFPA 30B Rating:** 3
EXTINGUISHING MEDIA: Carbon dioxide, sand, extinguishing powder. Do not use water.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Vapors may form explosive mixture with air. Containers will build up pressure if exposed to heat.

V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers.
CONDITIONS TO AVOID: Excess heat, sparks and open flame. Do not store above 120 ^{o}F
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: Carbon Black (CAS #1333-86-4)

EFFECTS OF OVEREXPOSURE

IF IN EYES: Irritation, redness tearing and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
IF ON SKIN: Irritation. Allergic reactions are possible. Chapping and dermatitis with prolonged or repeated exposure.
IF SWALLOWED: May be harmful or fatal. Irritation to mouth, throat and stomach.
IF INHALED: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged exposure may be harmful.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
IF ON SKIN: Wash with soap and water. If irritation persists, obtain medical attention.
IF SWALLOWED: Contact physician or poison control center immediately. Do not induce vomiting. Give victim a glass of water or milk. Never give anything to an unconscious person.
IF INHALED: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep person warm. Get immediate medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
WASTE DISPOSAL METHOD: Consult local environmental authorities. Dispose of cans in non-incinerated trash only.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.
VENTILATION **LOCAL:** Recommended **MECHANICAL:** Not required
PROTECTIVE GLOVES: Chemical resistant with prolonged or repeated contact.
EYE PROTECTION: Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: None.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from heat or open flame. Do not expose to direct sunlight or store at temperatures above 120 ^{o}F (54 ^{o}C).
OTHER PRECAUTIONS: Keep out of reach of children. Do not puncture or incinerate container.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Consumer Commodity
DOT CLASS: ORM-D **DOT ID NUMBER:** None **DOT PACKING GROUP**: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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