MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT INFORMATION

Corporate Address:
Max Technologies Group/Dyna-Tek
5300 East 59th Street
Kansas City, MO 64130
(816) 984-8159 fax (816) 888-5149

Trade Name & Synonyms:
DT-480 - Black

Formula: PROPRIETARY

Emergency Telephone Number:
Chem Tel 888-255-3924
MIS # 0006931

Date of Preparation: 11-18-2012

Supersedes: All

**IMPORTANT: BEFORE USING PROTECTIVE COATINGS,
HAVE ALL PROCESSING PERSONNEL READ THIS DOCUMENT!**

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CAS No:	Chemical name	Reference number (if provided)
9011-19-2	Polysiloxane	N/A
54-88-5	Tert-butyl Acetate	N/A
64742-48-9	Isoparaffinic hydrocarbons	N/A
1333-86-4	Carbon Black pigment	N/A

SECTION 3 – HAZARDS IDENTIFICATION

HMIS RATINGS

Health Hazard:	1	Slight
Flammability Hazard:	3	Serious
Reactivity Hazard:	0	None

POTENTIAL HEALTH EFFECTS

Routes of Entry:
Eyes, Ingestion, Inhalation, Skin.
Target Organs:
Central Nervous System, Kidneys, Liver.
Irritancy:
Eyes, Respiratory Tract, Skin.
Sensitizing Capability:
None Known.
Reproductive Effects:
None Known.

Cancer Information:
Not known to be carcinogenic.

SHORT-TERM EXPOSURE (ACUTE)

Inhalation:
May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance, and drowsiness.

Eyes:
May be irritating.
Skin:
May be irritating.
Ingestion:
Ingestion may cause damage to the lining of the gastrointestinal tract.

REPEATED EXPOSURE (CHRONIC)

Prolonged or repeated breathing or swallowing of large amounts may cause liver and kidney damage based on animal studies.

Synergistic Materials:
None Known.
Medical Conditions Aggravated by Exposure:
None Known.

SECTION 4 – FIRST AID MEASURES

Eye Exposure:
Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.
Dermal Exposure:
Wash thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical attention.
Inhalation Exposure:
Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.
Oral Exposure:
Do not induce vomiting. Seek medical attention immediately.

Notes to Physician:
Administration of absorbents may be of value. Gastric lavage may be effective when performed by a physician within 4 hours of ingestion.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:
Carbon dioxide, dry chemical powder, or appropriate foam.
Fire Fighting Procedures:
Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to keep fire exposed containers cool to avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing.
Fire and Explosion Hazard:
Container explosion may occur under fire conditions. May emit toxic fumes under fire conditions.

Sensitivity to Mechanical Impact:

Not applicable.

Sensitivity to Static Charge:

Electrostatic charge may build up during handling. Grounding of equipment is recommended.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Evacuate all unnecessary personnel and eliminate all sources of ignition.

Environmental Precautions:

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, and federal agencies.

Small Spills:

Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose of appropriately.

Large Spills:

Dike to contain and pump into drums for disposal. Add inorganic absorbent to remaining material (as above), sweep up, and dispose of appropriately. Clean contaminated area with soap and water.

In case of accidental spill or release, refer to Section 8, Personal Protective Equipment and General Hygiene Practices.

SECTION 7 – HANDLING AND STORAGE

Handling:

Avoid breathing vapor, use adequate ventilation. Wear NIOSH.MSHA approved respiratory protection if there is potential for exposure above the exposure limits.
Do not get in eyes, or skin, or clothing.
Wear personal protective equipment as described in Section 8, Personal Protective Equipment and General Hygiene Practices.
Wash thoroughly with soap and water after handling.
Keep away from heat, sparks, pilot lights, welding operations, and open flame.
Do not eat, drink or smoke in areas where this material is used.
Ground all equipment.
Vapors are heavier than air and will tend to collect in low areas. Avoid use in confined spaces. Areas of poor ventilation could contain concentrations high enough to cause unconsciousness and death. Use approved air respirator following manufacturer's recommendations where vapors may be generated.
Do not reuse containers.

Storage:

Keep container properly closed and properly labeled.
Store in a cool place designated for flammable liquid storage.
Keep away from heat, sparks, and open flame.
Vent periodically to release head pressure.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Hygienic Practices:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling, and before eating, drinking, or smoking.

Engineering Controls:

General room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminates below exposure limits.

Respiratory:

If mists or aerosols are generated during handling, wear a respirator equipped with an organic vapor cartridge.

Eye/Face:

Wear safety goggles plus a full-face shield to protect against splashing when appropriate.

Skin:

Wear plastic or rubber apron for splash protection. Wear chemical resistant gloves.

Other:

Emergency shower and eyewash facility should be in close proximity.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Liquid, various colors. Ammonia and naphthalenic odor.

VOC (grams / liters): 0.00
Freezing Point: -36°C
Viscosity: 12 - 17 seconds (# 2 Zahn Cup)
Flash Point: 42°C
Boiling Point: >139°C (>282.2°F)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable
Reacts with: Oxidizers, isocyanates, water, protic solvents, mineral acids, and alkalies.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Chlorine containing gases, Fluorine containing gases, Carbon Monoxide, Carbon Dioxide, and Silicon Dioxide.

SECTION 11 – TOXOLOGICAL INFORMATION

Carcinogenicity Information:

Not listed as carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupational Safety and Health Administration); not evaluated by IARC (International Agency for Research on Cancer).

Reported Human Effects:

No human studies have been conducted with this material. The use of recommended protective equipment should prevent any adverse effects.

SECTION 12 – ECOLOGICAL INFORMATION

This material may be hazardous to aquatic organisms. Avoid release to surface waters and waste treatment systems.

SECTION 13 – DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic wastes streams. Incinerations of combustible waste material in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method.

SECTION 14 – TRANSPORTATION INFORMATION

US DOT:

Proper Shipping Name: Paint Related Material
Hazard Class: 3
UN Number: 1263
Packing Group: III

IATA:

Proper Shipping Name: Paint Related Material
Hazard Class: 3
UN Number: 1263
Packing Group: III

SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

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