MATERIAL SAFETY DATA SHEET
PEEL AWAY SMART STRIP AEROSOL

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: PEEL AWAY SMART STRIP AEROSOL

Manufacturer:
DUMOND CHEMICALS, INC
1501 Broadway
New York, NY 10036
(212) 869-6350

MSDS Date of Preparation: 4/3/09
EMERGENCY PHONE: (800) 457-4280

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a white, liquid with a slight characteristic odor in an aerosol container. Contents under pressure. Propellant is flammable. Avoid heat and flames. Causes eye irritation. May cause skin irritation. May be harmful if absorbed through the skin. Mists may cause respiratory irritation and central nervous system effects. Overexposure to propellant may cause low blood pressure or cardiac effects. Harmful or fatal if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#.	WT.%
Proprietary Ingredient	Proprietary	30-50
Titanium Dioxide	13463-67-7	1-5
Isobutane (propellant)	75-28-5	1-5
Dimethyl Ether (propellant)	115-10-6	20-30
Water and non-hazardous ingredients	7732-18-5	40-60

SECTION 4 FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eye with water for at least 15 minutes while lifting the upper and lower lids. Get medical attention.
SKIN CONTACT: Wash thoroughly with soap and water until no traces of the chemical remain. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
INHALATION: Remove victim to fresh air If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.
INGESTION: If conscious, give 1 glass of water to dilute. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

SECTION 5 FIRE and EXPLOSION DATA

EXTINGUISHING MEDIA: Water spray or fog, foam, carbon dioxide, dry chemical.
SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream. Use shielding to protect against bursting cans.
UNUSUAL FIRE AND EXPLOSION HAZARDS: : Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective clothing to prevent eye and skin contact. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Wash spill area with water. Prevent runoff to storm sewers and ditches leading to natural waterways. Report spill as required by local and federal regulations.

SECTION 7 HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Protect containers from physical damage. Store in a cool, dry ventilated area. Protect from physical damage. Do not store in direct sunlight, near open flames or above temperatures greater than 120 F. Do not place can in hot water or near radiators, stoves or other sources of heat.

Avoid eye and skin contact. Avoid breathing vapors and mists. Use with adequate ventilation. Wash thoroughly after handling. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

OTHER PRECAUTIONS: Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Ingredient	Exposure Limits
Proprietary Ingredient	10 ppm TWA AIHA WEEL
Titanium Dioxide	10 mg/m3 TWA (ACGIH) 15 mg/m3 TWA (OSHA) (total dust)
Isobutane	1000 ppm ACGIH TLV (as aliphatic hydrocarbon gas)
Dimethyl Ether	1000 ppm AIHA WEEL
Water	None Established

RESPIRATORY PROTECTION: None required if ventilation is adequate. If the occupational exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and a dust/mist pre-filter. For higher concentrations (greater that 10 times the recommended exposure limit) an approved supplied air respirator (with escape bottle if required) or self- contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

VENTILATION: Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

GLOVES: Butyl rubber or other impervious gloves should be worn if skin contact is possible. .

PROTECTIVE CLOTHING: Impervious apron, boots and other clothing are recommended if needed to avoid contact.

EYE PROTECTION: Chemical safety goggles recommended to prevent eye contact. Do not wear contact lenses.

OTHER PROTECTIVE EQUIPMENT: For operations where contact can occur, a safety shower and an eye wash facility should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White liquid with a slight characteristic odor in an aerosol package.

BOILING POINT (@ 760 mmHg): Not available
SPECIFIC GRAVITY: 1.05
VAPOR PRESSURE (@ 30 C mm Hg): Not determined
EVAPORATION RATE (Butyl alcohol = 1): Not determined
COEFFICIENT OF WATER/OIL: Not available
VOC Content: 5-10%
FLASH POINT: None (concentrate) <-41°C (propellant)
FLAMMABLE LIMITS: (vol % in air): LEL: 1.8% (isobutane) UEL: 18.0% (dimethyl ether)
FLAME EXTENTION: None

MELTING POINT: Not available
VOLATILE: >95%
VAPOR DENSITY (AIR=1): Not determined
SOLUBILITY IN WATER: Soluble
pH: Not determined
AUTOIGNITION TEMPERATURE: Not available
FLASHBACK: None

SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.
CONDITIONS TO AVOID: Avoid heat, sparks, flames and other sources of ignition.
INCOMPATIBILITY: Strong acids, bases, strong oxidizers and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon monoxide, carbon dioxide and oxides of nitrogen. May oxidize with air to form benzaldehyde and benzoic acid.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:
INHALATION: Spray mists may cause severe irritation to the eyes, mucous membranes and upper respiratory tract. With headache, dizziness, weakness, nausea confusion, anesthetic effects and central system depression. Overexposure to propellant may cause low blood pressure and cardiac effects. Intentional misuse by deliberately concentrating vapors and inhaling can be harmful or fatal.

SKIN CONTACT: May cause irritation with redness and pain. Widespread or prolonged contact may cause absorption with symptoms similar to ingestion. Area of contact may become numb due to anesthetic effects.

EYE CONTACT: May cause severe irritation with redness, pain and blurred vision.

INGESTION: May cause gastrointestinal irritation, abdominal pain, headache, central nervous system depression, nausea, vomiting and diarrhea. Possible aspiration hazard. May cause mild to severe lung injury if aspirated into the lung during vomiting or swallowing.

CHRONIC EFFECTS OF OVEREXPOSURE: Repeated skin contact may cause dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic eye, skin and respiratory disorders may be at increased risk from exposure to this material.

TOXICOLOGY DATA: This product has not been tested as a whole. Toxicity values for the components are:

	LD50	LC50
Proprietary Ingredient	1,230-3,100 mg/kg oral rat 2,000 mg/kg skin rabbit	1,000 ppm/8 hr inhalation rat
Titanium Dioxide	No data available	No data available
Isobutane	No data available	31 mg/L/4 hr inhalation rat
Dimethyl Ether	No data available	164,000 ppm/4 hr inhalation rat

Titanium dioxide is listed by IARC as "Possibly Carcinogenic to Humans". None of the other components present in the product at greater than 0.1% is listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

None of the components have been found to be mutagenic.

None of the components are known to cause sensitization in animals or humans.

None of the components are known to cause reproductive or developmental toxicity in animals or humans.

SECTION 12: ECOLOGICAL INFORMATION

Proprietary Ingredient: 96 hr LC50 fathead minnow: 460 ppm, 48 hr LC50 daphnia: 360 ppm. Readily biodegradable. Bioaccumulation not expected.
Dimethyl Ether: 48 hr NOEC Guppies >4,000 mg/L; 48 hr NOEC Daphnia magna >4,000 mg/L

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Consumer Commodity, ORM-D
DOT HAZARD CLASSIFICATION: None
DOT LABELS REQUIRED (49CFR172.101): None
UN NUMBER: None

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Irritant, Compressed Gas

EPA SARA 311 HAZARD CLASSIFICATION: Acute Health, Sudden Release of Pressure

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product does not contain chemicals regulated under California Proposition 65.

WHMIS CLASSIFICATION: Class A (Compressed Gas); Class D - Division 2B (Toxic material causing other toxic effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 4 Instability: 0