



MATERIAL SAFETY DATA SHEET

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Date: September 29, 2010

Section I: Product

PRODUCT: **Bond Off!**

Section II: Hazardous/Chemical Ingredients

INGREDIENT:
Petroleum Naphtha
98.5%

Section III: Physical Data

Boiling Point: 156°F (69°C)	Vapor Pressure: <5 @100F
Vapor Density: 4.8	Specific Gravity: .76
H ₂ O Soluble: Negligible	Appearance: Clear Orange colored liquid.
Odor: Hydrocarbon odor, modified by orange fragrance	

Section IV – Fire and Explosion Hazard Data

Flash Point: 120° F (49° C)
Explosive limits: LEV UEL (% V in air)
1.0% 7.0%

FLAMMABILITY CLASSIFICATION:

DOT: Combustible Liquid

Extinguishing Media: Water, Fog, Foam. Do not use a direct stream of water – product will float

SPECIAL FIRE FIGHTING PROCEDURES:

Caution. Combustible. Do not enter confined fire space without full bunker gear, including a positive NIOSH approved self contained breathing apparatus. Cool fire exposed containers with water

UNUSUAL FIRE AND EXPLOSION HAZZARDS:

Heat exposed containers should be cooled with water to prevent vapor pressure buildup

Section V: Health Effects & First Aid

EFFECTS OF OVEREXPOSURE:

Signs and Symptoms of Exposure: (Excessive) Intentional abuse or other massive exposure may result in difficult breathing, nausea, vomiting, and headache. Coma and/or death are possible
Medical Conditions Generally Aggravated by Exposure: Preexisting skin, eye, and respiratory disorders

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove victim to fresh air. Provide oxygen if breathing is difficult. Artificial respiration if not breathing. Get medical attention.

Ingestion: Do not induce vomiting Eyes: Flush with water. Get medical attention

Section VI: Reactivity Data

Stability: Stable

Stability conditions to avoid: Heat, Flame. Any ignition source for both product and vapors

Incompatibility: Strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite

Hazardous Decomposition Products: Carbon Monoxide and unidentified organic compounds may be formed during combustion

Hazardous Polymerization: Will Not Occur

Polymerization conditions to avoid: Heat, Flame. Contact with strong oxidizing agents such as liquid chlorine concentrated oxygen, sodium or calcium hypochlorite

Section VII: Spill or Leak Procedures

Steps for material spillage: Evacuate the area (large spills). Avoid breathing vapors. Dike area to contain spill. Cleanup by mopping w/absorbent material & place in closed container for disposal. Avoid contamination of ground & surface waters. Do not flush to sewer.

Waste disposal methods: Recovered liquids may be sent to a licensed reclaimer or incineration facility. Consult state, federal or local disposal authorities for approved procedures.

Section VIII: Special Protection Information

Respiratory Protection: Avoid prolonged or repeated breathing of vapors

Ventilation: Keep area well ventilated

Protective Gloves/Eye Protection: Safety glasses/gloves where contact is likely

Other Protective Equipment: NIOSH approved respirator (see SPECIAL FIRE FIGHTING PROCEDURES)

Section IX: Special Precautions

Handling and Storage Precautions: When mopping spills, wear protective equipment. Avoid prolonged breathing. Use in well ventilated area. Store in cool place. Keep container closed, away from possible sources of ignition.

Other precautions: Wash with soap and water before eating, drinking, smoking. Launder contaminated clothing before reuse

Shipping Information:

DOT Shipping Name: Petroleum Naptha

Hazard Class UN/NA Number: UN-1268