Plasti-Bond REDH2OT®

Catalog No.:
PBTOUCHUP-SPRAY

SECTION I - MATERIAL SAFETY DATA SHEET



DATE PREPARED: 09-10-99

# A PLASTI-KOTE CO., INC.

1000 LAKE ROAD
MEDINA, OHIO 44256
330-725-4511
1-800-255-3924 24 Hour Emergency Only

PRODUCT CLASS: AEROSOL SPRAY PAINT

SHIPPING NAME: CONSUMER COMMODITY

ORM-D INT'L UN NO. : 1950

NE = NONE ESTABLISHED

NA = NONE AVAILABLE

| HAZARD RATING | HMIS | | NFPA | |
|---|---|---|---|---|
| 4 = SEVERE | HEALTH | 1 | HEALTH | 2 |
| 3 = SERIOUS | FLAMMABILITY | 4 | FLAMMABILITY | 4 |
| 2 = MODERATE | REACTIVITY | 0 | REACTIVITY | 0 |
| 1 = SLIGHT | PERSONAL - | | OTHER | -- |
| 0 = MINIMAL | PROTECTION | E | | |

## SECTION II - HAZARDOUS INGREDIENTS.

PRODUCT NAME :

PBTOUCHUP-SPRAY

| | INGREDIENT | CAS NUMBER | ACGIH TWA PPM | OSHA PEL PPM | OTHER TLV PPM | VAPOR PRESSURE mmHg at 20 C | % (wt) |
|---|---|---|---|---|---|---|---|
| | ACETONE | 67-64-1 | 750 | 1000 | --- | 186 | 35-40 |
| | 2-BUTOXY ETHANOL | 111-76-2 | 25 | 50 | --- | 1.0 | 5-10 |
| | ETHYL 3-ETHOXY PROPIONATE | 763-69-9 | NE | NE | 50 | .67 | 0-5 |
| * | METHYL ETHYL KETONE | 78-93-3 | 200 | 200 | --- | 70 | ^0-5 |
| | METHYL ISOBUTYL KETONE | 108-10-1 | 50 | 100 | --- | 16 | 0-5 |
| * | TOLUENE | 108-88-3 | 100 | 100 | --- | 22 | 0-5 |
| * | XYLENE | 1330-20-7 | 100 | 100 | --- | 5.1 | 5-10 |
| | PROPANE-ISOBUTANE MIXTURE | 68476-86-8 | NE | 1000 | --- | --- | 19 |

* THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

## SECTION III - PHYSICAL DATA

| | | | |
|---|---|---|---|
| BOILING RANGE: | 133° - 331° F | VAPOR DENSITY: | _X_ Heavier ____Lighter than air |
| MELTING POINT: | Estimated min. 1500° F | WEIGHT PER GALLON: | 7.8 - 8.0 (PAINT) |
| VAPOR PRESSURE: | Unknown for products. | SPECIFIC GRAVITY : | (H2O- =1): < 1 |
| SOLUBILITY IN WATER: | Slight to moderate | EVAPORATION RATE: | __ Faster _X_ Slower than Ether. |
| APPEARANCE AND ODOR: | Typical solvent paint | EVAPORATION RATE: | |
| PERCENT VOLATILE BY VOLUME: 80-90 | | (Butyl Acetate = 1) Section 1 products > 1 | |
| See Section II for volatile, hazardous components. | | Propellants > 1 | ( Propellant faster) |

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA: IA FLASH POINT: 0° F (-18° C) TCC
(EXTREMELY FLAMMABLE) UNIFORM FIRE CODE: LEVEL 3 AEROSOL (Propellant = -100° F)
EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL LEL 1.0

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers may explode and/or autoignite when exposed to extreme heat, vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors or other locations distant from material handling point.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable use self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode.

## SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: _X_ INHALATION _X_ SKIN ___ INGESTION _X_ EYES

CARCINOGENICITY: ___ NTP _X__ IARC ___ OSHA

Contains ethylbenzene as a component of xylene and/or mineral spirits. Ethylbenzene is classified by IARC as possibly carcinogenic to humans based on animal data; however there is inadequate evidence for cancer in exposed humans.

SYMPTOMS OF OVEREXPOSURE:

ACUTE: BREATHING: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

EYE CONTACT: Can cause severe irritation, redness, tearing, blurred vision.

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

SKIN CONTACT: Can cause irritation. Prolonged contact can cause dryness and cracking of skin

CHRONIC: None known for product(s) in Section 1.

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage, severe overexposure in laboratory animals has also caused liver abnormalities and damage to kidneys, lungs, and spleen, heart and adrenals. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

MEDICAL CONDITIONS: Generally Aggravated By Exposure - Can cause respiratory and/or skin reaction.

FIRST AID-EMERGENCY PROCEDURES:

1. IF INHALED - Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing is stopped, give artificial respiration and seek medical help.
2. IF IN EYES - Flush with water for 15 minutes while holding eyelids open. Get prompt medical attention.
3. IF SWALLOWED - Do NOT induce vomiting (aspiration of material into lungs can cause pneumonitis, which can be fatal). Keep person warm, quiet and get medical attention / Poison Control Center.
4. IF ON SKIN - Wash with soap and water or various hand cleaners, and wash clothing.

## SECTION VI - REACTIVITY DATA

STABILITY: ___ UNSTABLE __X__ STABLE HAZARDOUS POLYMERIZATION: ___ MAY OCCUR __X__ WILL NOT OCCUR
CONDITIONS TO AVOID: Heat, sparks and open flame.
INCOMPATIBILITY (Materials to avoid): Avoid contact with strong oxidizing agents and heat.
HAZARDOUS DECOMPOSITION: May form toxic materials, carbon dioxide / carbon monoxide, various hydrocarbons, nitrogen compounds, etc., when burned.
CONDITIONS TO AVOID: Not applicable.

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources, ventilate area, absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to a closed container.

WASTE DISPOSAL METHOD: Material collected on absorbent material may be deposited in a posted toxic substance landfill in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not puncture or incinerate. Do not store in areas above 120°F (49°C) or in direct sunlight, or near heat or open flames.

STORAGE CATEGORY: Store large quantities in building protected for storage of flammable liquids.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: For casual/occasional use - to avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, increase fresh air, wear respiratory protection (NIOSH/MSHA approved), or leave the area.

VENTILATION: For regular/continuous use - provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV'S in Section II.

PROTECTIVE GLOVES: Wear chemical resistant gloves, such as neoprene, if skin contact is to be avoided.

EYE PROTECTION: Chemical splash goggles, in compliance with OSHA regulations, are advised.

OTHER EQUIPMENT: Where special or unusual conditions exist, seek the expert assistance of an industrial hygienist.

WORK/HYGIENIC PRACTICES: Wash hands before eating or using washroom. As with all chemicals, minimize personal contact.