

MATERIAL SAFETY DATA SHEET

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1/2/14

SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME: das Curb Marker Adhesive

PRODUCT CODE: RS-222-5 and RS-222-11

HMIS CODES: H: 2 F: 3 R: 0 P: H

SECTION II: HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WEIGHT PERCENT
*Toluene	108-88-3	200 PPM	100 PPM	30 - 40 %
Rubber, Resin, Filler (Non-Hazardous)				60 - 70 %

*SARA

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 231°F
SOLUBILITY IN WATER: None
REACTIVITY IN WATER: None
MATERIAL VOC: 3.25 lbs/gal
COATING VOC: 3.25 lbs/gal

SPECIFIC GRAVITY: 1.5
EVAPORATION RATE: 1+

APPEARANCE AND ODOR: Thick black paste,
solvent odor
DENSITY: Heavier than air

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45°F**METHOD USED:** TCC**FLAMMABLE LIMITS IN AIR BY VOLUME:****LOWER:** 1.0**UPPER:** 7.0**EXTINGUISHING MEDIA:**

Class B extinguisher, Carbon Dioxide, Dry Chemical, Foam

SPECIAL FIREFIGHTING PROCEDURES:

Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water should not be used except as fog to keep nearby containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers may explode when exposed to extreme heat.

SECTION V: REACTIVITY DATA

STABILITY: Stable**CONDITIONS TO AVOID:** Sources of ignition**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids & oxidizers, liquid chlorine & oxygen**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Normal combustion products**HAZARDOUS POLYMERIZATION:** Will not occur

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation: Yes

Skin: Yes

Ingestion: Yes

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

High vapor concentrations are irritating to eyes and respiratory tract. May cause headache and dizziness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May cause irritation on prolonged contact, redness. Wash affected area with warm soapy water. Do not use solvents.

EYE HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Irritation and soreness. Irrigate with copious quantities of water and seek medical attention immediately.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

No adverse effects are expected to occur. Could produce a laxative effect and may be irritating to the digestive tract.

HEALTH HAZARDS (ACUTE AND CHRONIC):

May cause dizziness or narcosis in high vapor concentrations. Will cause defating of skin. Effects are reversible. Long term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

CARCINOGENICITY: Combustible **NTP CARCINOGEN:** No **IARC MONOGRAPHS:** No **OSHA REGULATED:**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Generally aggravated by exposure respiratory if very high concentration.

EMERGENCY AND FIRST AID PROCEDURES:

Give oxygen, do not induce vomiting - gastric lavage - wash eyes and skin with water.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Soak up with absorbent. Shovel into waste container. Flush area with soap and water solution.

WASTE DISPOSAL METHOD:

Recover material and dispose of in accordance with federal, state, and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store and handle to prevent contamination from any source.

OTHER PRECAUTIONS:

Excessive skin contact may defat skin causing dermatitis.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:

Self contained breathing apparatus if above TLV limit exceeding.

VENTILATION:

Local Exhaust: Yes Special: None Mechanical (General): None Other: None

SKIN PROTECTION:

Barrier cream recommended.

EYE PROTECTION:

Wear eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Protective gloves (neoprene, viton), long sleeves and long pants.

WORK/HYGIENIC PRACTICES:

Do not smoke while using. Wash hands after use. Avoid unnecessary exposure and removal of the material from skin and clothing.

SECTION IX: DISCLAIMER

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) of 1906 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet shall include this statement.