

HMIS RATING	
Health	1
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	1
Reactivity	0
NFPA 308 LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-805
PRODUCT NAME SCHOOL BUS YELLOW RTV SILICONE
CHEMICAL FAMILY
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
*Cadmium sulfide (1306-23-6)	0.2mg/m ³	0.01mg/m ³	-	<1
*Chromic oxide (1308-38-9)	0.5mg/m ³	0.5mg/m ³	-	<4
Iron oxide (1309-37-1)	10mg/m ³	5mg/m ³	-	<4
Black iron oxide (1317-61-9)	10mg/m ³	5mg/m ³	-	<4
Methyltriacetoxysilane (4253-34-3)	See acetic acid comments			2
*Aluminum (7429-90-5)	15mg/m ³	10mg/m ³	-	<1
Silica, amorphous (7631-86-9)	15mg/m ³	10mg/m ³	-	10
*Barium sulfate (7727-43-7)	10mg/m ³	10mg/m ³	-	<3
Titanium dioxide (13463-67-7)	10mg/m ³	10mg/m ³	-	<4
Ethyltriacetoxysilane (17689-77-9)	See acetic acid comments			2
Yellow iron oxide (51274-00-1)	10mg/m ³	5mg/m ³	-	<3
C.I. Pigment Blue 29 (57455-37-5)	15mg/m ³	10mg/m ³	-	<4

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. Comments: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10ppm and ACGIH TLV: TWA 10ppm, STEL 15ppm. Outer compartment contains a flammable hydrocarbon propellant (Propane/Isobutane/n-Butane blend).

3. PHYSICAL DATA

BOILING POINT (F°)	N/A
VAPOR PRESSURE (@ 25°C)	N/A
VAPOR DENSITY	N/A
SOLUBILITY IN WATER	Not Determined
SPECIFIC GRAVITY (@ 25°C)	1.02
MELTING/FREEZING POINT	Not Determined
EVAPORATION RATE	N/A
PERCENT VOLATILE BY VOLUME (%) ...	5%
APPEARANCE AND ODOR	Yellow paste, acetic acid odor

4. FIRE AND EXPLOSION DATA

FLASH POINT	N/A - Solid
UPPER EXPLOSIVE LIMIT (% @ 25°C)	Not Determined
LOWER EXPLOSIVE LIMIT (% @ 25°C)	Not Determined
EXTINGUISHING MEDIA	Water Spray, Carbon Dioxide, Dry Chemical, Foam
SPECIAL FIREFIGHTING PROCEDURES	Self-contained breathing apparatus and protective clothing should be provided to fire fighters. Determine the need to evacuate or isolate the area according to your local emergency plan. Water fog may be used to cool closed containers.
FIRE AND EXPLOSION HAZARDS	Heated cans may burst.
NFPA FLAMMABILITY HAZARD	1

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Inhalation, eyes, skin, ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC):

INHALATION	Vapor overexposure may irritate eyes, nose and throat. Inhalation of vapors may injure the following organ(s): Lungs, Kidneys
EYES	Direct contact irritates moderately with redness and swelling.
SKIN	A single short exposure (less than 24 hrs.) may irritate. Repeated prolonged contact (24-48 hrs.) may irritate moderately. Repeated skin contact may cause allergic skin sensitization.

5. HEALTH EFFECTS DATA (CONTINUED)

INGESTION Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts may injure seriously.

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE None from normal exposure.

FIRST AID PROCEDURES

EYE CONTACT Flush with water for 15 minutes. Get medical attention
SKIN CONTACT Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.
INHALATION Move to fresh air. Get medical attention if ill effects develop or persist.
INGESTION Get medical attention.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Cadmium sulfide and Vendor proprietary cadmium pigment component are known carcinogens (IARC Group 2A). Warning: This product contains chemical(s) known to the State of California to cause cancer, birth defects, or other reproductive harm.

6. REACTIVITY

STABILITY Stable under normal conditions
CONDITIONS TO AVOID Exposure to air or moisture until ready to use
INCOMPATIBILITIES Oxidizing material can cause a reaction.
HAZARDOUS DECOMPOSITION Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide, metal oxides, sulfur oxides, nitrogen oxides and formaldehyde.
HAZARDOUS POLYMERIZATION..... Will not occur

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT

REQUIREMENTS Use chemical protective gloves, neoprene or butyl rubber gloves when handling. Use safety glasses. Local exhaust is usually adequate. Respiratory Protection is not required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor/dust/mist type cartridge respirator or self-contained breathing apparatus.

WASH REQUIREMENTS Wash hands with soap and water after use and/or before meals and at the end of work periods. Remove contaminated clothing and laundry before reuse.

SPILL OR LEAK PROCEDURES Wipe up or scrape up and contain for salvage or disposal.

WASTE DISPOSAL METHODS Dispose of in accordance with local, state and federal regulations for petroleum distillates.

HANDLING & STORAGE Keep container closed and store away from water or moisture. Product evolves acetic acid (HOAc) when exposed to water or air. Provide adequate ventilation during use or provide respiratory protection.

OTHER PRECAUTIONS When heated to temps. above 300 °F in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer and an irritant to the eyes, nose, throat, skin and digestive system. Use NIOSH approved respirator with an organic vapor cartridge; avoid prolonged breathing of vapors, protection provided by air purifying respirators is limited.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**
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