

ITEM: 36ND73 - Urethane Activator 1 pt. White

5/15/17

SDS: E3020

ORDER: 0168600154

LP NUMBER: U881128467

SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - E3020

Associated Grainger Items  
36ND73

DATE PRINTED: 1/15/2016

SAFETY DATA SHEET

RUST-OLEUM CORPORATION

TRUSTED QUALITY SINCE 1921

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1. IDENTIFICATION

PRODUCT NAME: CM PT 4PK URETHANE ACTIVATOR

PRODUCT IDENTIFIER: 206879

PRODUCT USE/CLASS: URETHANE ACTIVATOR/3300 SYSTEM

REVISION DATE: 1/15/2016

SUPERCEDES DATE: 10/28/2015

SUPPLIER:  
RUST-OLEUM CORPORATION  
11 HAWTHORN PARKWAY  
VERNON HILLS, IL 60061  
USA

MANUFACTURER:  
RUST-OLEUM CORPORATION  
11 HAWTHORN PARKWAY  
VERNON HILLS, IL 60061  
USA

PREPARER: REGULATORY DEPARTMENT

EMERGENCY TELEPHONE:  
24 HOUR HOTLINE: 847-367-7700

2. HAZARD IDENTIFICATION

CLASSIFICATION:

SYMBOL(S) OF PRODUCT:  
FLAME  
EXCLAMATION MARK  
HEALTH HAZARD

SIGNAL WORD: DANGER

GHS HAZARD STATEMENTS:

FLAMMABLE LIQUID, CATEGORY 3:  
H226: FLAMMABLE LIQUID AND VAPOR.

SKIN SENSITIZER, CATEGORY 1:  
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

ACUTE TOXICITY, INHALATION, CATEGORY 4:  
H332: HARMFUL IF INHALED.

RESPIRATORY SENSITIZER, CATEGORY 1:  
H334:  
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.

STOT, SINGLE EXPOSURE, CATEGORY 3, RTI:  
H335: MAY CAUSE RESPIRATORY IRRITATION.

GHS LABEL PRECAUTIONARY STATEMENTS:  
P210:  
KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.

P261: AVOID BREATHING DUST, FUMES, GASES, MISTS, VAPORS, OR SPRAY.

P280:  
WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

P285: IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION.

P302+P352:  
IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P304+P341:  
IF INHALED:  
IF BREATHING IS DIFFICULT, REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

P312: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

P333+P313:  
IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P342+P311:  
IF EXPERIENCING RESPIRATORY SYMPTOMS:  
CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

P403+P233:  
STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

GHS SDS PRECAUTIONARY STATEMENTS:  
P240: GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.

P241: USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.  
P242: USE ONLY NON-SPARKING TOOLS.  
P243: TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P363: WASH CONTAMINATED CLOTHING BEFORE REUSE.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS SUBSTANCES:

CHEMICAL NAME	CAS-NO.	WT. % RANGE	GHS SYMBOLS	GHS STATEMENTS
HEXAMETHYLENE DIISOCYANATE POLYMER	28182-81-2	75-100	GHS07-GHS08	H317-332-334-335
N-BUTYL ACETATE	123-86-4	2.5-10	GHS02-GHS07	H226-336
SOLVENT NAPHTHA, LIGHT AROMATIC	64742-95-6	2.5-10	GHS07-GHS08	H304-332
HEXAMETHYLENE DIISOCYANATE	822-06-0	0.1-1.0	GHS06-GHS08	H311-315-317-319 -330-334-335

4. FIRST-AID MEASURES

FIRST AID - EYE CONTACT:  
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. DO NOT ALLOW RUBBING OF EYES OR KEEPING EYES CLOSED.

FIRST AID - SKIN CONTACT:  
WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION.

FIRST AID - INHALATION:  
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT USE MOUTH-TO-MOUTH RESUSCITATION. IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

FIRST AID - INGESTION:  
IF SWALLOWED, DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2 TO 4 CUPFULS OF WATER OR MILK. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. IF SWALLOWED, GET MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:  
ALCOHOL FILM FORMING FOAM, CARBON DIOXIDE, DRY CHEMICAL, DRY SAND, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT DUE TO BUILDUP OF STEAM. COMBUSTION GENERATES TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE AND OTHER GASES. KEEP CONTAINERS TIGHTLY CLOSED. COMBUSTIBLE LIQUID AND VAPOR. NO UNUSUAL FIRE OR EXPLOSION HAZARDS NOTED.

SPECIAL FIREFIGHTING PROCEDURES:  
EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL. CONTAINERS MAY EXPLODE WHEN HEATED.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:  
CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. ISOLATE THE HAZARD AREA AND DENY ENTRY TO UNNECESSARY AND UNPROTECTED PERSONNEL. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

7. HANDLING AND STORAGE

HANDLING:  
WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. USE ONLY WITH ADEQUATE VENTILATION. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. AVOID BREATHING FUMES, VAPORS, OR MIST. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

STORAGE:  
STORE IN A DRY, WELL VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS II COMBUSTIBLE LIQUIDS. AVOID EXCESS HEAT.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	CAS-NO.	WEIGHT % LESS THAN
HEXAMETHYLENE DIISOCYANATE POLYMER	28182-81-2	90.0
SOLVENT NAPHTHA, LIGHT AROMATIC	64742-95-6	5.0
N-BUTYL ACETATE	123-86-4	5.0
HEXAMETHYLENE DIISOCYANATE	822-06-0	1.0

CHEMICAL NAME	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
HEXAMETHYLENE DIISOCYANATE POLYMER	N.E.	N.E.	N.E.	N.E.
SOLVENT NAPHTHA, LIGHT AROMATIC	N.E.	N.E.	N.E.	N.E.
N-BUTYL ACETATE	150 PPM	200 PPM	150 PPM	N.E.
HEXAMETHYLENE DIISOCYANATE	0.005 PPM	N.E.	N.E.	N.E.

**PERSONAL PROTECTION:**

**ENGINEERING CONTROLS:**  
USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION.

**RESPIRATORY PROTECTION:**

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

**SKIN PROTECTION:**

USE GLOVES TO PREVENT PROLONGED SKIN CONTACT. USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT AND ABSORPTION OF THIS MATERIAL THROUGH THE SKIN. NITRILE OR NEOPRENE GLOVES MAY AFFORD ADEQUATE SKIN PROTECTION.

**EYE PROTECTION:**

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

**OTHER PROTECTIVE EQUIPMENT:**

REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER GUIDANCE REGARDING TYPES OF PERSONAL PROTECTIVE EQUIPMENT AND THEIR APPLICATIONS. REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

**HYGIENIC PRACTICES:**

WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING. REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND LAUNDRER BEFORE REUSE.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: LIQUID

PHYSICAL STATE: LIQUID

ODOR: SOLVENT LIKE

ODOR THRESHOLD: N.E.

RELATIVE DENSITY: 1.120

PH: N.D.

FREEZE POINT, DEG. C: N.D.

VISCOSITY: N.D.

SOLUBILITY IN WATER: NEGLIGIBLE

PARTITION COEFFICIENT, N-OCTANOL/WATER: N.D.

DECOMPOSITION TEMP., DEG. C: N.D.

BOILING RANGE, DEG. C: 160 - 166

EXPLOSIVE LIMITS, VOL%: 1.2 - 7.5

FLAMMABILITY: SUPPORTS COMBUSTION

FLASH POINT, DEG. C: 41

EVAPORATION RATE: SLOWER THAN ETHER

AUTO-IGNITION TEMP., DEG. C: N.D.

VAPOR DENSITY: HEAVIER THAN AIR

VAPOR PRESSURE: N.D.

(SEE "OTHER INFORMATION" SECTION FOR ABBREVIATION LEGEND)

**10. STABILITY AND REACTIVITY**

**CONDITIONS TO AVOID:**  
AVOID TEMPERATURES ABOVE 120 DEG. F (49 DEG. C). AVOID CONTACT WITH STRONG ACID AND STRONG BASES. AVOID ALL POSSIBLE SOURCES OF IGNITION.

**INCOMPATIBILITY:**  
INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

**HAZARDOUS DECOMPOSITION:**  
BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE. WHEN HEATED TO DECOMPOSITION, IT EMITS ACRID SMOKE AND IRRITATING FUMES. CONTAINS SOLVENTS WHICH MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, AND FORMALDEHYDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR UNDER NORMAL CONDITIONS.

**STABILITY:** THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

**11. TOXICOLOGICAL INFORMATION**

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:**  
CAUSES EYE BURNS. SUBSTANCE CAUSES MODERATE EYE IRRITATION.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:**  
SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION. CONTACT CAUSES SKIN IRRITATION. CAUSES SKIN IRRITATION. ALLERGIC REACTIONS ARE POSSIBLE. MAY CAUSE SKIN SENSITIZATION, AN ALLERGIC REACTION, WHICH BECOMES EVIDENT UPON RE-EXPOSURE TO THIS MATERIAL.

**EFFECTS OF OVEREXPOSURE - INHALATION:**  
HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING FUMES, SPRAY, VAPORS, OR MIST. HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. PROLONGED OR EXCESSIVE INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC RESPIRATORY REACTION.

**EFFECTS OF OVEREXPOSURE - INGESTION:**  
CAN BURN MOUTH, THROAT AND STOMACH. IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED. ASPIRATION HAZARD IF SWALLOWED; CAN ENTER LUNGS AND CAUSE DAMAGE.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:**  
OVEREXPOSURE MAY CAUSE LUNG DAMAGE. HIGH CONCENTRATIONS MAY LEAD TO CENTRAL NERVOUS SYSTEM EFFECTS (DROWSINESS, DIZZINESS, NAUSEA, HEADACHES, PARALYSIS, AND BLURRED VISION) AND/OR DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

**PRIMARY ROUTE(S) OF ENTRY:**

EYE CONTACT, INGESTION, INHALATION, SKIN ABSORPTION, SKIN CONTACT

**ACUTE TOXICITY VALUES:**

THE ACUTE EFFECTS OF THIS PRODUCT HAVE NOT BEEN TESTED. DATA ON INDIVIDUAL COMPONENTS ARE TABULATED BELOW:

CAS-NO.	CHEMICAL NAME	ORAL LD50	DERMAL LD50	VAPOR LC50
28182-81-2	HEXAMETHYLENE DIISOCYANATE POLYMER	N.I.	N.I.	18.5 MG/L RAT
123-86-4	N-BUTYL ACETATE	10768 MG/KG RAT	>17600 MG/KG RABBIT	>21 MG/L RAT
64742-95-6	SOLVENT NAPHTHA, LIGHT AROMATIC	8400 MG/KG RAT	>2000 MG/KG RABBIT	N.I.
822-06-0	HEXAMETHYLENE DIISOCYANATE	N.I.	593 MG/KG RABBIT	0.06 MG/L RAT

N.I. - NO INFORMATION

**12. ECOLOGICAL INFORMATION**

ECOLOGICAL INFORMATION: PRODUCT IS A MIXTURE OF LISTED COMPONENTS.

**13. DISPOSAL INFORMATION**

**DISPOSAL INFORMATION:**  
DISPOSE OF MATERIAL IN ACCORDANCE TO LOCAL, STATE, AND FEDERAL REGULATIONS AND ORDINANCES. DO NOT ALLOW TO ENTER WATERWAYS, WASTEWATER, SOIL, STORM DRAINS OR SEWER SYSTEMS.

**14. TRANSPORT INFORMATION**

	DOMESTIC (USDOT)	INTERNATIONAL (IMDG)	AIR (IATA)	TDG (CANADA)
UN NUMBER	N.A.	1263	1263	N.A.
PROPER SHIPPING NAME	NOT REGULATED	PAINT	PAINT	NOT REGULATED
HAZARD CLASS	N.A.	3	3	N.A.
PACKING GROUP	N.A.	III	III	N.A.
LIMITED QUANTITY	NO	YES, >5L NO	YES, >5L NO	NO

**15. REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS:

CERCLA - SARA HAZARD CATEGORY:

THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:  
FIRE HAZARD, REACTIVE HAZARD, ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD  
SARA SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS-NO.
HEXAMETHYLENE DIISOCYANATE	822-06-0

TOXIC SUBSTANCES CONTROL ACT:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES: NO TSCA 12(B) COMPONENTS EXIST IN THIS PRODUCT.

**16. OTHER INFORMATION**

**HMS RATINGS:**  
HEALTH 2\*  
FLAMMABILITY 2  
PHYSICAL HAZARD 1  
PERSONAL PROTECTION X

**NFPA RATINGS:**  
HEALTH 2  
FLAMMABILITY 2  
INSTABILITY 0

VOLATILE ORGANIC COMPOUNDS, G/L: 112

SDS REVISION DATE: 1/15/2016

REASON FOR REVISION:  
PRODUCT COMPOSITION CHANGED

SUBSTANCE AND/OR PRODUCT PROPERTIES CHANGED IN SECTION(S):  
01 - IDENTIFICATION

STATEMENT(S) CHANGED

LEGEND:

N.A. - NOT APPLICABLE,  
N.E. - NOT ESTABLISHED,  
N.D. - NOT DETERMINED

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